

19980208.qrp v00_n995.qrs.980208

Date: Sun, 8 Feb 1998 19:03:37 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 995

QRP-L Digest 995

Topics covered in this issue include:

- 1) [3267] Re: Why I'm not FMBO
by "John A. Evans - N0HJ" <jaevals@codenet.net>
- 2) [3268] Re: Herring Aid 5
by KB9JJA QRP Account <qrp@thekeep.mcs.accessus.net>
- 3) [3269] I Stayed and Home and F-my-BO!!
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
- 4) [3270] RE: Why I'm not FMBO
by Kevin Muenzler <wb5rue@stic.net>
- 5) [3271] Re: HTML
by gsurrency@juno.com (Gary L Surrency)
- 6) [3272] RE: Why I'm not FMBO
by "Marshall Emm" <mgemm@mtechnologies.com>
- 7) [3273] Re: Ten-Tec 1340 Issues (problems)
by Chuck Carpenter <w5usj@webwide.net>
- 8) [3274] Re: N9DD Log for Feb. 5
by Chuck Carpenter <w5usj@webwide.net>
- 9) [3275] HELP - CW Trainer To Fast on Pentium
by "Karl B. Staddon" <ve6kbs@agt.net>
- 10) [3276] KB9IUA FYBO report
by kb9iua@juno.com (Kevin L Anderson)
- 11) [3277] QRP TS-50s with ALC jack
by mwattcpa@earthlink.net (Marty Watt)
- 12) [3278] FYBO - Alaskan Style & W5FN report - long
by Tim Ahrens <tahrens@inetport.com>
- 13) [3279] FYBO - Not this year. BUT.....
by nq2rp@juno.com (B/BAMS Club Station)
- 14) [3280] Re: FYBO = Float Your Boat Onshore?
by Jeff Grudin <grudin@pacific.vdbs.com>
- 15) [3281] THE ONE THAT GOT AWAY!
by Mike Duke <K5xu@cris.com>
- 16) [3282] FYBO (sigh) and WTB: Autotuner...
by Niel Skousen <nskousen@scientech.com>
- 17) [3283] FYBO - Fun !!!!
by Bruce Hopkins - KL7JAF <kl7jaf@polarnet.com>
- 18) [3284] FYBO results: N6WG
by Tellefsen Bob-CNSE97 <cns97@lmpsil02.comm.mot.com>
- 19) [3285] Help with Sierra 10M band module

- by "Don Minkoff" <ad716@lafn.org>
- 20) [3286] FYBO: Sure wish I could have been there
by "Rod Logsdon" <bike4life@bikerider.com>
- 21) [3287] FYBO
by Ken Newman <n2cq@comten.com>
- 22) [3288] FYBO @ K0EVZ
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 23) [3289] Sprint & FYBO
by Monte Stark <ku7y@dri.edu>
- 24) [3290] Re: QRP TS-50s with ALC jack
by "ALAN KAUL" <alan.kaul@worldnet.att.net>
- 25) [3291] Re: HTML
by "duane" <duane@flinet.com>
- 26) [3292] WHO built FOXXII kit ???
by STEFAN BAUER <bauer@student.uni-kassel.de>
- 27) [3293] Windows versus Unix.
by Jess Gypin <jessqrp@concentric.net>
- 28) [3294] FYBO and NA Sprint de WZ2T
by Richard Sherman <srichard@aldus.northnet.org>
- 29) [3295] NF3I/MD-MW FYBO (long but worth it!)
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 30) [3296] FYBO Wimps & flying tuners, with hail please...addendum
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 31) [3297] HB9CV update
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 32) [3298] FMBO - 97
by n4js@pobox.com
- 33) [3299] FYBO & Home
by K0su@kkktv.com
- 34) [3300] Re: I Stayed and Home and F-my-B0!!
by jim <kw3u@warwick.net>
- 35) [3301] Exciting News from ADVENTURE RADIO SOCIETY!
by Russ Carpenter <russ@natworld.com>
- 36) [3302] FYBO & Home -- Oops
by K0su@kkktv.com
- 37) [3303] Orlando Hamcation
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 38) [3304] Hint & Kink
by dave_epps@juno.com
- 39) [3305] FOX:N/T Fox results Feb 7, W2MBY
by W2MY & W2MBY <n2mnn@spacegate.com>
- 40) [3306] Re: Orlando Hamcation
by "tom palmer" <n1tp@worldnet.att.net>
- 41) [3307] Re: WHO built FOXXII kit ???
by STEFAN BAUER <bauer@student.uni-kassel.de>
- 42) [3308] FYBO@ WB5QYT
by tom whalen <whalen@swcp.com>
- 43) [3309] FYBO98 URL

- by n4js@pobox.com
- 44) [3310] Modem plans and Re: Windows versus Unix.
by Sam <kc5tja@animeonline.ml.org>
- 45) [3311] Re: Modem plans and Re: Windows versus Unix.
by "Ron Smith" <resmith@primenet.com>
- 46) [3312] KnightSMiTe transceiver
by "Chris Mayer" <crmayer@mindspring.com>
- 47) [3313] Re: HTML for the last time from me!
by Monte Stark <ku7y@dri.edu>
- 48) [3314] FYBO
by Zack Lau <zlau@arrl.org>
- 49) [3315] Contest Logs, where/how to send them & etc
by Monte Stark <ku7y@dri.edu>
- 50) [3316] Re: Contest Logs, where/how to send them & etc
by Monte Stark <ku7y@dri.edu>
- 51) [3317] Scout for Sale
by ki3b@juno.com
- 52) [3318] Wideband RF amp. using 2N2222
by Leon Heller <leon@lfheller.demon.co.uk>
- 53) [3319] FS: a few misc. goodies
by Riyadhth Al-Kazily <riyadth@cyberhighway.net>
- 54) [3320] FYBO Report (long)
by Jeff Grudin <grudin@pacific.vdbs.com>
- 55) [3321] ARS: Terrain propagation help...
by Niel Skousen <nskousen@scientech.com>
- 56) [3322] How to send a file?
by Monte Stark <ku7y@dri.edu>
- 57) [3323] ScQRPions Email?
by n4js@pobox.com
- 58) [3324] Re: Orlando Hamcation
by mikemo@ibm.net
- 59) [3325] FS: Heathkit HW-7
by "William C. Robbins" <billrobb@net-link.net>
- 60) [3326] Re: Modem plans and Re: Windows versus Unix.
by Laura Halliday <ve7ldh@direct.ca>
- 61) [3327] Re: ScQRPions Email?
by Rich Wilkerson <richqrp@home.com>
- 62) [3328] Re: How to send a file?
by "John J. McDonough" <jjmcd@mdn.net>
- 63) [3329] HTML, Mime and the like
by Mel Evans <MelEvansGM6JAG@compuserve.com>
- 64) [3330] FYBO and birthday
by Rich Wilkerson <richqrp@home.com>
- 65) [3331] FYBO - N8ET in Texas
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 66) [3332] Re: Windows versus Unix.
by Phil <k6ls@prolynx.com>
- 67) [3333] PIC's DSP, and other stuff...

by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
68) [3334] Re: Hint & Kink
by "Walter Dufrain Jr." <walter@inlink.com>
69) [3335] dallas swap meet ?
by Phil <k6ls@prolynx.com>
70) [3336] manual needed
by K4NK@aol.com
71) [3337] 2N2222 wideband RF amp. (correction)
by Leon Heller <leon@lfheller.demon.co.uk>
72) [3338] Qrp forum
by K4NK@aol.com
73) [3339] Re: Zenith Trans-Oceanic T600 SW Radio
by WD6BOR@aol.com
74) [3340] New FCC spectral purity standards
by mike czuhajewski <wa8mcq@abs.net>
75) [3341] HW-7 SOLD
by "William C. Robbins" <billrobb@net-link.net>
76) [3342] KI6DS FYBO Log
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
77) [3343] Re: dallas swap meet ?
by "Basil (Darin) Arrick" <basila@onramp.net>
78) [3344] FS: Emtech 80
by ckrelic@usaor.net
79) [3345] Re: How to send a file?
by Larry KA5T <lewise@inetport.com>
80) [3346] Sierra Help
by Rick McNelly <72507.235@compuserve.com>
81) [3347] Re: Windows versus Unix.
by "Bob Edwards, W4ED" <w4ed@flash.net>
82) [3348] FYBO in AZ (sorta long)
by Roger Hightower <n7kt@earthlink.net>
83) [3349] W1FB Pixie Info
by kh6b@juno.com (Dean W Manley)
84) [3350] Power supply problem
by Bill Risch <brisch@mn.uswest.net>
85) [3351] Re: New FCC spectral purity standards
by Joseph Everhart <n2cx@voicenet.com>
86) [3352] Re: PIC's DSP, and other stuff...
by LYN WILLIAMS <designserv@ipass.net>
87) [3353] KK6MC/5 Preliminary FYBO Results; 10040 pts
by "James R. Duffey" <jamesd1@flash.net>
88) [3354] SMiTe #90 on the air!
by nq2rp@juno.com (B/BAMS Club Station)
89) [3355] FYBO 20M Rig Final (Long)
by "\"W. Kimura\"." <W.Kimura@valley.net>

Me too, I can put it on the web if someone can scan it in.

73's de kb9jja/dale

On Sat, 7 Feb 1998, ALAN KAUL wrote:

> Does anyone have the HERRING AID 5 schematic that could be scanned and sent
> to me as an attachment (Circad, jpg, gif, would be preferred). Or is it on
> a website anyone knows of.... pls and tn timer and fybo! 73/72 de alan
>
> Alan Kaul, W6RCL
> LaCanada-Flintridge, CA
> <http://home.att.net/~alan.kaul/w6rcl.html>
> alan.kaul@worldnet.att.net
> w6rcl@amsat.org
>

Date: Sat, 7 Feb 1998 16:41:13 -0800
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [3269] I Stayed and Home and F-my-B0!!
Message-ID: <19980208004209.AAA5560@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Dear Fellow Contestants:

I neither hiked nor drove to the mountains
And didn't venture to be near the Snow.
Even to the Arctic I would not, did not go.
Yet--in sympathy with those that did--I- F- My B- 0!

To show I was with you guys, I wore shorts and a T-shirt to my unheated garage. The temperature outside (in normally sunny) Southern California was 54 degrees.
I'm sure it was colder at the operating position because of the wind chill factor (caused by the computer fan). And I left the door open so I could hear the pitter-patter of EL NINO's latest offering on the patio. Then I fired up the IC-725, installed my QRP box (a battery wired to a pot and connected by shielded cable to the ALC input jack to "trick" the transceiver into believing it's

got a badly mismatched amplifier so it'll reduce power), set the output voltage on the Daiwa wattmeter at just a hair under 5W and tuned 20M. And there it was. I thought my ears might be playing tricks, but it was that familiar call. I was hearing the legend! My first contact -- none other than W0RSP (exchange: 549-SD-ADE-3W-48F)! It doesn't get much better than that. I could have retired from the contest on the spot and been a happy man!! But I resisted temptation and hung in there for 7 more very chilly QSO's (at 54F, my temperature was cooler than 5 of the 8 stations I worked). I was prepared to do much more, when at 0000 the bands filled up with 30-35wpm ops sending CQ NA. I copied a few exchanges and realized they wanted names and states, but no power levels or temperatures. So I decided to give the rig a rest and retreated to the warmth of the house... As I write this, it's a balmy 71F, but I shall always remember the hour or so I spent in the garage in shorts and a T-shirt, so I could identify with the hearty souls of FYB0.

Bless us all. 73/72 de alan

Alan Kaul, W6RCL

LaCanada-Flintridge, CA

<http://home.att.net/~alan.kaul/w6rcl.html>

alan.kaul@worldnet.att.net

w6rcl@amsat.org

Date: Sat, 7 Feb 1998 19:43:24 -0600
From: Kevin Muenzler <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3270] RE: Why I'm not FMBO
Message-ID: <01BD3400.A7C9B360@SA5399-8-21.stic.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On mgemm@mtechnologies.com, Marshall Emm[SMTP:mgemm@mtechnologies.com] wrote:
> I hope to get on 40M later and hand out a few numbers in the FYB0,
> but have been too busy to get on air otherwise today.
>

It's 65 degrees down here! Had to sit in front of the frig to get the "feel of things."

72,
Kevin, WB5RUE
wb5r8e@stic.net

Date: Sat, 7 Feb 1998 18:35:36 -0700
From: gsurrency@juno.com (Gary L Surrency)
To: qrp-l@Lehigh.EDU
Subject: [3271] Re: HTML
Message-ID: <19980207.184650.11158.1.gsurrency@juno.com>

I agree with Ron. A lot of us use Juno for email, and if we want full web access we connect to a ISP and use whatever browser we prefer. But that takes more time, and historically Juno has been more reliable than several ISP's I've had. Some of you may disagree with that, but that has been my experience to date.

Juno is nice because is it free, and takes only a few seconds to download all of your mail and then it disconnects, allowing the next person access without tying up a port like you do when you attach to the web thru an ISP. And you can get phone calls as soon as Juno disconnects since the phone line is not tied up. It's quick, cheap , and easy. And if you change ISP's as often as some of us do, you don't have to constantly keep revising your email address, since it stays constant with Juno.

I prefer to read my mail while off-line, and compose messages / replies off-line so as to not impact others who really are using the web for web stuff - not just email.

For a free product, Juno is written remarkably well and even my computer illiterate mom can use it. Plus, it doesn't take 6 or 7 disks to load like NetScrape, Internet Destroyer, etc. ;-)

As for the mime, html, and all the rest - I just hit delete. I dump all of those messages into the same bit bucket (or >/dev/null for you unix afficianados) as those that have file attachments, for which many have been flamed on this list for doing. If you have something of a graphical nature, say so. Then if anyone wants it, they can request it privately, or go to the web page or home page to get it. This has been fairly standard practice for some time on this and other reflectors, so read the FAQ and follow it. Chuck, correct me if I'm wrong. ;-)

It is just plain bad nettiquette to send attachments and graphics to the entire list.

Now, let's get back to real QRP-L topics and let this thread die the death it deserves. Good luck to everyone in the FYBO, and let's maintain the sanity on this list so everyone can enjoy it - whether they use text mailers or whatever.

Use the web for the fancy stuff, keep it simple here. The KISS principle

is often the best policy. Thank you all who keep the emails text only. A lot of us really appreciate it.

72 to everyone and good luck. :-)

Gary Surrency AB7MY
S&S TAC-1(40&80m) ARK30 38S OHR100 w/KC-2 HW-9 TS-570D
QRP-L #571 Chandler, AZ (near Phoenix)Grid Square DM43BH

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 7 Feb 1998 19:00:02 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: Kevin Muenzler <wb5rue@stic.net>
Cc: qrp-l@Lehigh.EDU
Subject: [3272] RE: Why I'm not FMBO
Message-ID: <199802080259.TAA26899@edison.chisp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Kevin--

>>It's 65 degrees down here! Had to sit in front of the
frig to get the "feel of things."
<<

Know what you mean. It was 68 in my basement so I opened the window,
but as soon as I turned on the radio all the NA activity on 40
heated things right up again. Didn't here one FYBO stn! So went to
30 and had a nice rag chew with a guy north of Green Bay WI.

73
Marshall Emm
N1FN/VK5FN
n1fn@mtechnologies.com
Milestone Technologies
Software, kits, tools...
<http://www.mtechnologies.com>

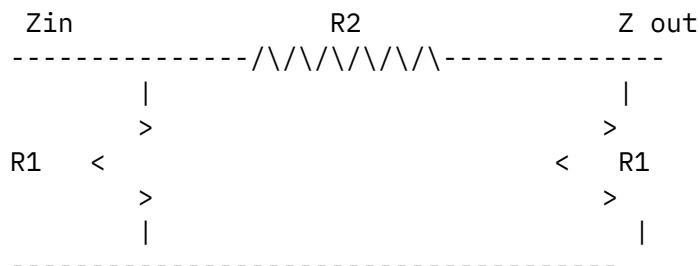
(303)752-3382

--

Date: Sat, 07 Feb 1998 20:04:58 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: qrp-1@Lehigh.EDU
Cc: heimbach@concentric.net, gsurrency@juno.com (Gary L Surrency)
Subject: [3273] Re: Ten-Tec 1340 Issues (problems)
Message-ID: <3.0.1.32.19980207200458.00690aa8@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

To help with your parasitic problems, you might find the following useful.

At low power, I have an in-line 3 dB pad (attenuator) that looks like 50 ohms in both directions. You can make one using 3 resistors in a PI configuration. Put the pad between the rig and the tuner, do the tuning, then take the pad out. All you're trying to do is provide a resistive load to the rig near 50 ohms so you don't need to be too critical.



The K factor for 1 dB is 1.1220

The K factor for 3 dB is 1.4125

$Z_{in} = Z_{out} = 50 \text{ Ohms}$

The equation to calculate the resistors is:

$R1 = Z \text{ times the quantity } K+1 \text{ divided by } K - 1$

$R2 = \text{the quantity } Z \text{ divided by } 2 \text{ times the quantity } K^2 \text{ minus } 1, \text{ divided by } K.$

You will get non-standard values for resistance but you can fudge a little as precision is not required. The results will be similar to using a resistive bridge.

>There is also a product for sale known as the Tuner - Tuner

Palomar makes the Tuner-Tuner

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Sat, 07 Feb 1998 20:23:43 -0600
From: Chuck Carpenter <w5usj@webwide.net>
To: "George T. Baker" <w5yr@swbell.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3274] Re: N9DD Log for Feb. 5
Message-ID: <3.0.1.32.19980207202343.00690aa8@mail.webwide.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

George,

>Be sure to provide yourself with a switch, and be prepared to use it!

I'm in the process of getting up an inverted V for 40 through 10 and I have a longwire up now. My ATU is an older TenTec with 3 antenna positions. Problem is, the settings that I use for the vert, won't be the same as needed for the dipole or the long wire. For any sort of valid comparison I'd need to have a separate tuner for each antenna and switch the tuners. (When I get the ZM-2 I'll have two tuners to try)

>As you can see, I am a firm believer in lots of skywire!

I'd agree with that, I've got lots of tall trees around my house but they are all too close together. I'd have to cut some down to get more wire up and that I'm not willing to do. Shade = Cooling BTUs.

All,

I'm fishing for ideas here, so jump in if you care to.

72/73 -- Chuck, W5USJ, EM22cv
Rains County, Eagle Capitol of Texas
ARCI # 5422, QRP-L # 1306, FISTS # 3984

Date: Sat, 07 Feb 1998 19:34:26 -0700
From: "Karl B. Staddon" <ve6kbs@agt.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3275] HELP - CW Trainer To Fast on Pentium
Message-ID: <34DD19B2.5F96@agt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My CW trainer program, Morseman + 4.01, purchased in 1992, is not properly speed calibrated to run on my 200 mhz Pentium running Windows 95. Even if I set the program to run at 5 wpm, it actually runs at about 35-40 wpm due to the fast processor of the Pentium.

Questions:

1. Is there a way to recalibrate the program speed for use on a Pentium?
2. Is there a way to slow the Pentium down when I'm running Morseman in DOS mode?
3. Is there an upgrade to this excellent program so that it runs as it should on a Pentium?

Cheers de Karl, VE6KBS, CALGARY, AB

Date: Sat, 07 Feb 1998 21:47:30 EST
From: kb9iua@juno.com (Kevin L Anderson)
To: qrp-1@Lehigh.EDU
Subject: [3276] KB9IUA FYBO report
Message-ID: <19980207.204633.7831.1.kb9iua@juno.com>

Joe, you'll get the full "official" report in the e-mail later, but....here is a brief FYBO report:

Operated KB9IUA single op on the card table outside the house from 2100 until 0200, with interruptions for supper, hot cocoa, etc. 20 QSOs total (15 on 40, 5 on 80). Not great I'm sure, compared to you heavy duty folks.

But I did operate outside, starting with 42 F and getting down briefly to 33, but fairly stable at 34 F. Gave up a bit early, as my toes couldn't take more, and the bands seemed shot -- too quiet (except for static) on 80, and 40 was blowing my receiver out with all the big-gun NA contesters (my Ten Tec Century 22, DC with an audio filter, is easily overwhelmed).

I had fun, nonetheless.

Cheers/73. Kevin, KB9IUA,
from snowless but cool Illinois.

Kevin Anderson, KB9IUA, Rock Island IL USA
kb9iua@juno.com or Kevin.L.Anderson@usace.army.mil

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 08 Feb 1998 02:52:07 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-1@Lehigh.EDU
Subject: [3277] QRP TS-50s with ALC jack
Message-ID: <34de1d40.18222441@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

While all you folk were FYBO and Sprinting, I decided to experiment with =
the
ALC jack on the back of the TS-50s. Applying negative voltage is =
supposed to
work. so I gathered some batteries and variable resistors.

Power output is a function of the negative voltage, and the relationship =
is
inverse. Higher negative voltage results in lower power output. What I =
found
was:

(all voltages are negative!)

At Vmax =3D 9.37 V, Pmin =3D 80 mW
At Vmin (with 50K pot, measured resistance of 43.6k) =3D 8.19, Pmax =3D 8=
W

The nominal value to get the TS-50s to run 5 W was 8.3V. In my setup =
this was
approx 39k of resistance.

Given the three power settings on the TS-50s, what is the benefit of =
using the
ALC mod?

Well, 80mW for one.
Continuously variable for another, from 80mW to 8W.
Add an on/off switch to the pot, and reassign that function key!
Turn it off and power is returned to normal settings (for that must-have =
10
watt auto-tuner setting, and the 50W QRO RTTY setting).

Measurements made with a WM-2 from Oak Hills Research. Switch is added =
to the
pot. RS Alkaline 9V battery (measured at 9.37V), p/n 23-553. Radio set =
on
High Power (100W) setting.

--

72 es 73 de Marty, KM7W

=46ranklin, Tennessee <http://home.earthlink.net/~mwattcpa> =
=20
NorCal #2031 -- ARCI #7514 -- QRP-L #0953 -- AK/QRP #098 -- Grid EM65

Date: Sat, 07 Feb 1998 21:08:01 -0600
From: Tim Ahrens <tahrens@inetport.com>
To: kl7jaf@polarnet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3278] FYBO - Alaskan Style & W5FN report - long
Message-ID: <34DD2191.6A26149B@inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yahoo!!! THANK YOU BRUCE!!! Can't believe that my measley dipole

at 30 feet could really punch through to Alaska... well, I guess 'punch' may not be the right word. :-) Actually, the rig did it 2 times! The first time N8ET was at the controls.. boy, you guys sure did work to make that contact!! Then I jumped at the controls, but by that time there musta been 10 different stations calling.. all which were stronger than me! Thanks to Bill, I hung in there, & finally got a good shot at you. Think it took about an hour to do the 1st QSO & mine, with a goodly amount of waiting in between!

BTW, Bill (of Kanga USA fame) was in Houston for some work, and HAD to stay the weekend.. took a 3 hour drive to the trusty fire station, & we had some FYBO fun. It was about 65f, with a blue sky & bright sun.. mighty nice February day if you ask me!

We used the Sierra on 20, and the modified GQ-40 on 40. I'll see if I can find someplace to upload the digi-pix to, so you can see the op desk. This ain't no spartan sprint mind you!

Got to the station about 10:15 local (15 minutes after it started), and proceeded to sling up the antler. The SooperShooter did a great job of getting the line over the trees, but it still took me an hour to get the silly thing up.. even with the help of one of the FD guys. First I got on the 'far' side of one of the trees (supports), and shot over & towards the center, figuring that if I did it that way I could save some of the monofilament line by tying a larger string & pulling back over. Then I'd go back & tie the wire to the string, then back & pull... Ballooney! The next time I just stood in the center & shot towards the other tree, cut the mono, tied the string on & then did the pulling.. figured the monofilament wasn't worth the hassle! Then it had too much droop... I got an answer for that... Drove back to the casa & picked up the telescoping 40' fiberglass lineman's pole & stuck it up in the center. Fortunately, there was a dead tree at the middle to lean it up against.

Looks like the grand total is 15 qsos, but had a great time visiting with Bill, & he got to work about 5 guys also. Lotsa activity, especially on 20. Guess I sold my QRP+ too soon.. would have liked to check out 15 & 10. Guess we'll hear more as folks thaw out! Shut down about 4:30 local... stayed on long enough to get the 60 degree multiplier!! Figured that competition with the Sprint would do me in.

Thanks to all,
had a great time at 1 watt

CU

Tim W5FN

Date: Sat, 07 Feb 1998 22:13:20 EST
From: nq2rp@juno.com (B/BAMS Club Station)
To: qrp-l@Lehigh.EDU
Subject: [3279] FYBO - Not this year. BUT.....
Message-ID: <19980207.221255.2311.0.nq2rp@juno.com>

It's only a hobby. Sez so right here in the owners manual (front of the ARRL Handbook, 1966 edition)

I had family projects that took priority, and the others in the B/BAMS group weren't able to take over. Sorry that NQ2RP did not get on the air today, but I will have the club station up & running evenings this coming week, and will be running SMiTe #90, which arrived via the US Snail yesterday!

Barring complications, it WILL be done, and on the air by 2000Z on Sunday. Look for me on 3686 KHz. SMiTe #91 will be completed later this week...

I plan to (try) check(ing) in to the Knightlite net Sunday nite with the SMiTe. See you there!

And, yes, it will be in an Altoids tin. (What else would do for a Non-Smoking ham???)

72/73, Keith, WB2VU0 at the keys at B/BAMS
NQ2RP - QRP-L # 1294, Byron/Bergen AMateurS Club Station
Listen for our 10 Mtr Milliwatting Beacon: 125 mW @ 28.287 MHz
"Our night light runs more power than our Rig!!!"

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 07 Feb 1998 19:27:09 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [3280] Re: FYBO = Float Your Boat Onshore?
Message-ID: <34DD260D.357@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> No snow caves in this part of California. Rain, gale, rain, gale, rain,
> gale, and today rain.

Well here it has been: Rain, Gale, Power out, Rain, Gale, Power out,
etc.

I considered trying to operate out of the truck, started to carry some
stuff out there, and gave it up, came inside and changed my soaking
clothes.

I tried to open the window to cool off the shack, but it kept raining
in. Figured I would drink some ice cold beer to get cold and miserable,
got cold but didn't care.

Sorry guys and gals, I couldn't be miserable no matter how hard I tried.

Had lots of fun though.

--

73 de Jeff AC6KW
grudin@vdbs.com

QRP-L #16	Private Practice : Companion Animals and
Exotics	
Norcal QRP #1292	Ocean Animal Clinic / Cat Clinic of Santa
Cruz	
	Santa Cruz,
California	

QRP'ers do it with less energy (but lot's of enthusiasm)!

Date: Sat, 7 Feb 1998 22:59:45 -0500 (EST)
From: Mike Duke <K5xu@cris.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [3281] THE ONE THAT GOT AWAY!

Message-ID: <Pine.SUN.3.96.980207225304.23265C-1000000@galileo.cris.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Today at our ham fest, I bought a 20 meter Ham Stick with magnet mount for \$5.00. It had no coax attached, and my plan was to change to a 10 meter stick, which I also later bought.

Unable to find an allan wrench of the proper size to disassemble my prize purchase, I headed home with the monster riding proudly on the trunk of my friend's car.

It escaped and shattered in the middle of the interstate about half way home.

At least it destroyed itself before I went to the trouble of attaching new coax, etc.

I guess qrp mobile will just have to wait for the next real bargain!
AMATEUR RADIO STATION K 5 X U
Jackson, Mississippi

Date: Sat, 7 Feb 1998 21:21:45 -0700

From: Niel Skousen <nskousen@scientechn.com>

To: qrp-l@Lehigh.EDU

Subject: [3282] FYBO (sigh) and WTB: Autotuner...

Message-ID: <v03020901b102e253a2f2@[205.180.127.46]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Somebody on the list is in with my boss.... This is the second year in a row that I've had major work prob's w/ FYBO ! Gotta call on Thursday evening, "You WILL be working Saturday and Sunday !!" ...BUMMER... Got FYBO and QRPTTF last year, and with three strikes I know somebody on the list must be feeding him the calender ;-)

Oh well, hope everybody had a safe and fun time,
looking forward to the stories !

Also, WTB and LDG qrp autotuner or AT-11. Will build, but preferr built since I need it in kind of a hurry.... Please reply via direct e.mail...

TNX Niel

Date: Sat, 7 Feb 1998 19:16:53 -0900 (AST)
From: Bruce Hopkins - KL7JAF <kl7jaf@polarnet.com>
To: qrp-1@Lehigh.EDU
Subject: [3283] FYBO - Fun !!!!
Message-ID: <v03007800b10255487bbe@[204.119.15.2]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang...

Factoring in 4 hours time difference plus staying up until 3 AM working on the AK/QRP web site, I sure didn't think I'd make it for the start of the FYBO... The old "Indian alarm clock" came through for me once again, an hour early even...

For the first hour the band was still into Europe over the pole... I could hear stateside starting to come in but was unable to make the path with much success until about 1730... Conditions were good on 20m, 15m never really opened up here but did manage to make 3 q's there, 10m was totally flat as was 40m...

I have to complement some of you guys on your perseverance... One or two watts to a dipole from the east coast to AK is a pretty fair haul... There were a few QSO's that took more than 10 minutes to complete but we made it...

I had a blast !!! Took a couple breaks to make fresh coffee and throw some logs on the fire... Other than that, things stayed active right up until about 2345z when the QRO contesters came up to squash the QRP frequency without so much as a QRL... Oh well, did manage to work Doc - K0EVZ under them at 0024z... I needed to cut some firewood before dark anyway so pulled the big switch and took out my frustrations with my trusty chainsaw and axe... Nils would have been proud...

Rig: Kenwood TS-450S @ 4.95 watts on WM-1
Keyer: Super CMOS III / Vibroplex Iambic
Antenna: 27 year old Mosley TA-33 @ 60 ft.

Thanks ScQrpian's and all the participants...

72 / 73 / oo's - Bruce - KL7JAF

"Alaska QRP Club" - Web Site: <http://www2.polar.net/~bhobkins/akqrp>

***** ALASKA QSO PARTY - MARCH 21ST & 22ND 1998 *****
See AKQRP Web Site for Details

Date: Sat, 7 Feb 1998 22:34:41 -0600
From: Tellefsen Bob-CNSE97 <cnse97@lmpsil02.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [3284] FYBO results: N6WG
Message-ID: <351A2DFAE256D111883A0060B06B166228C549@s-il02-j.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

Well, another FYBO has come and gone. Wasn't sure Ol' Kenwood and I would get to play, what with the El Nino storms boiling through the SF Bay area (and elsewhere).

My shack is in the garage, in what turned out to be the only dry corner! Got a good stock of Field Day batteries I keep there for charging and exercising so was able to feed Ol' Kenwood without having live ac in the shack. I used my horizontal loop on the house roof most of the time

My operation was a bit disjointed, as it felt like I was set up by a stream. We had so much water in the back yard it came in through the back of the garage. I spent a lot of time with a squeegee escorting it out the front into the driveway. Talk about high humidity. With all the garage doors open and the wind blowing, it was 55F at the operating position.

Finally got a sump pump set up in the back yard to pump the water around the house to the front. Seemed to help as the water finally stopped coming in. I know we are lucky and got off light compared to many.

Also had to tend the clothes drier through the day. (This is how I explain all the garage time to the xyl). Has a really obnoxious buzzer that tells you when things are dry, so would have to break off contesting until a new load was started. It even QRMs my receiver with its RF hash!

When FYBO started I didn't think I would have time to get serious, so just figured on handing out occasional contacts to others. My first log entries aren't complete, as I just recorded the contacts. Well, about

the third contact 01' Kenwood decided this was fun and that I should get serious. So the log entries are more complete after that.

We did manage to work several of the Pine Top Expedition members, so they can now deem their efforts a success :-)

My log isn't as extensive as last year, but I had fun anyway.

2-7-98 UTC

1702 AB7MY	559/579	AZ	GARY	5W	temp?
2027 AC6AN	449/559	CA	ORI	5W	temp?
2032 WE6W	569/579	CA	ED	3W	58F
2036 W6PRI	339/459	CA	BILL	5W	68F
2040 N7GS	339/449	MT	MAL	2W	72F
2042 N7KT	339/559	AZ	ROGER	3W	31F Coldest
worked					
2044 N7XJ	579/459	UT	BOB	5W	60F
2046 N7CEE	339/559	AZ	SCOTT	900mw	55F
2113 KU7Y	559/599	NV	RON	200mw	65F Lowest power

worked

2125 KI6DS	569/559	CA	DOUG	5W	72F
2129 NC7W	539/559	UT	DAVE	5W	72F
2139 K7GT	339/449	CA	GRANT	2W	68F
2141 AC6KW	579/599	CA	JEFF	5W	60F
2146 KK6MC/5	339/559	NM	JIM	5W	69F
2152 KB6FPW	559/599	CA	MITCH	4W	65F
2220 WA6NAE	449/559	CA	DWIGHT	800mw	52F
2305 W5VBO	549/559	AZ	BRIAN	5W	61F
2309 KX7L	539/549	WA	CHARLES	5W	56F
2320 WA5WHN/7	449/559	AZ	JAY	1W	33F
2331 NQ7RP	339/559	AZ	FLOYD	5W	70F
2334 NQ7K	539/559	AZ	MIKE	5W	58F
2338 AD6AY	589/599	CA	DAVE	2W	52F
2343 W6RCL	559/579	CA	ALAN	5W	54F
2346 K6PZB	449/449	CA	JOHN	2W	56F
2350 K06KA	579/589	CA	ROB	3W	65F
2351 KN6YD	559/599	CA	JEFF	5W	70F
2352 W6JHQ	559/579	CA	TOM	600mw	70F
2355 WB7OEM	449/579	WA	CHUCK	2W	55F

2-8-98 UTC

0002 AB7TK	559/559	ID	RANDY	5W	55F
0004 W6KI	579/599	CA	GLEN	2W	60F
0012 N0TU	449/449	CO	STEVE	2W	65F
0014 AB7OA	559/559	AZ	KENT	5W	56F
0017 KL7IXI/7	559/549	WA	MIKE	4W	50F
0020 WD6FDD	449/559	CA	RICH	5W	58F
0026 K6RPF	569/579	CA	DOUG	5W	57F
0033 AF5Z	339/559	TX	BOB	4W	72F

0039 K6PB 579/559 CA PETER 5W 65F

0046 W3CD 339/449 CA BOB 5W 65F

Now the NA Sprint QRM gets overwhelming so we QSY to the Novice Band.
No QSOs there, so QRT.

Not a big score--10 SPC x 38 QSOs x 2 (temp) x 2 (battery power) = 1520
points

In the words of somebody famous, "Just wait 'til next year!".

72 to all,
Bob N6WG and Ol' Kenwood

Date: Sat, 7 Feb 1998 20:49:29 -0800
From: "Don Minkoff" <ad716@lafn.org>
To: <qrp-1@Lehigh.EDU>
Subject: [3285] Help with Sierra 10M band module
Message-ID: <199802080449.UAA29981@zool.lafn.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I have been using and enjoying my Sierra now for a couple of months and
decided to build up a few more band modules since 10 and 15 are becoming to
come to life.

I built three previous band modules and had no problem with them working
the first time. Even aligned them in my lab at work.

The completed 10M module doesn't want to adjust past a few hundred milli
watts.
It acts like the var. cap is bad. I can push on it and very slowly adjust it
and I can get a watt out but remove my tuning tool and its back to nothing.
Does anyone have any ideas for me? Should I get a replacement cap. and try
it?

I have enjoyed lurking on the list these past few weeks.

Don Minkoff -NK6A
Mar Vista, CA

Date: Sat, 7 Feb 1998 23:28:34 +0000
From: "Rod Logsdon" <bike4life@bikerider.com>
To: qrp-l@Lehigh.EDU
Subject: [3286] FYBO: Sure wish I could have been there
Message-ID: <19980208052106.GPZD5018@[206.141.215.99]>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Things just didn't work out for me to participate but I've enjoyed reading about others exploits for FYBO. I was able to fire up the OHR-400 for about five minutes this afternoon and heard one station calling CQ FYBO. W1VT, you were 599 into Northern Illinois on 14.060 this afternoon. I was just getting ready to come back to you when my XYL called. My eldest daughter just got engaged and we had to go to her place this afternoon to start with the planning. The upcoming wedding is going to put a MAJOR crimp in my radio budget.

See you all for QRPTTF!

72/73 de Rod Logsdon ... WK9T
Carol Stream, IL
QRP-L # 616 ARS # 153
E-mail: bike4life@bikerider.com

Date: Sun, 08 Feb 1998 00:34:32 -0500
From: Ken Newman <n2cq@comten.com>
To: QRP-L@Lehigh.EDU, njqrp@njqrp.org
Subject: [3287] FYBO
Message-ID: <1.5.4.16.19980208053218.22478f38@mail.comten.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks for the QSOs from all the FYBO players. About the coldest number comming my way was from WQORP with 28F. Most were in the brutal 65-73 degree weather from the insiders like me. Didn't have time to setup for multipliers this time but 3 hours of QRP fun anyway. 14 QSOs on 40M and 24 QSOs on 20. Total of 38 QSOs and 21 S/P/Cs for the whopping score of 798. Equipment used was NW80-20 for 20M and Kenwood TS-850sat on both bands. TA33 jr tribander up 40' and a CF Zepp up 35'. Best DX being KL7JAF with good strong signals both ways. AZ was the most often worked state naturally. Worked everything around

Texas but nobody was home.
CU Next FBYO!
72/73,
Ken Newman, N2CQ
Woodbury, NJ
N2CQ@Comten.com

Date: Sun, 8 Feb 1998 00:32:06 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.EDU>, "Doc W.D. Lindsey/K0EVZ"
<70511.3041@compuserve.com>
Subject: [3288] FYBO @ K0EVZ
Message-ID: <199802080035_MC2-3261-735@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Gang:

Only able to work 2 hours as K0EVZ. Before that, drove to Minneapolis to help operate our MN/QRP club station, WQORP. Setup there was mainly a Yaesu FT-900CAT to an all-band vertical. Lots of QSO's, mostly on 20. About 2000Z I drove back to Rochester. Temp was 29F, and with wind chill would have been a lot lower.

At K0EVZ only able to operate from 2300-0100Z. Then the QRO guys simply covered everything up :-(. Temp at my position was 40 at first...but it went down finally to 35. We were all hoping for *really* cold weather, rather than the very mild WX today. Oh well, maybe next time.

Setup here was TenTec Omni V at 4 watts to either the GAP Titan DX or dipole at 28' fed with 300-ohm ladderline. Tuner = new ZM-2.

Managed only 47 QSO's in the two hours. But they included KL7JAF, WL7CKX and TI2PZ. The DX signals were weak, but readable. All in all it was a good day. BTW, sorry in a few cases when QRM prevented completing a QSO.

Will be looking for our club log. Would have been fun to stay all day, but an on-call duty weekend called. Nuts. Anyway, it was fun. Hope everyone had a great time!

72/73,

--Doc Lindsey/K0EVZ Rochester, MN--Home of the Mayo Clinic.
MWBC
519-16th Street SE
Rochester, MN 55904
507/288-5108 (eves)

Date: Sat, 07 Feb 1998 21:34:06 -0800
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [3289] Sprint & FYB0
Message-ID: <34DD43CE.58ECC10@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Good time today. Snow, rain, mud, qrm, qsb and multi
contests!

Man, don't you just love it?

However, the day was a total interruption! Not much time at
all to play in the FYB0. But did make 30 QSOs with 200 mW.
20m and 40m were both in good shape. Heard AK, but too weak
to work.

Then came the Sprint. That's when the phone started ringing
and I had to do some work things. Lost over 1 1/2 hours due
to work! Here is the total from that effort. Missed my 100
Qs! Oh well, like Bob said, Wait till next one!

Team/Club : QRP Warlords

BAND	Raw QSOs	Valid QSOs	Points	Mults
80CW	15	15	15	3
40CW	40	40	40	13
20CW	30	30	30	15

Totals 85 85 85 31

Final Score = 2635 points.

Best score I have heard so far is from Tree, K7RAT. He had 367 QSOs and I can't remember the multipliers. (This is the fellow who wrote TR Log and continues to upgrade it!)

I hope lots of you tried your hand in the Sprint. If you made any qso's at all, be sure to send in your score. I'll post the reporting info if anyone needs it.

Are we having fun yet??? :-)

cul,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Sat, 7 Feb 1998 23:50:16 -0800
From: "ALAN KAUL" <alan.kaul@worldnet.att.net>
To: <mwattcpa@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [3290] Re: QRP TS-50s with ALC jack
Message-ID: <19980208075110.AAA10121@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Marty...et al

I've been using the ALC-jack/QRP option for years. It was written up about 6-8 years ago in QST on a Kenwood ad, and subsequently was written up in QQ by Mike C., WA8MCQ. IT WORKS!!!!!!

I'm running an Icom IC-725 and using a 1.5V AA battery connected thru a pot (10K if I remember correctly). It takes approx negative 1.2V to get the rig to 5W and it is continuously variable down to milliwatt range

(which I cannot accurately measure). When I unplug, the rig is adjustable with the front panel control from about 10W to about 100W.

If you don't unplug (or put a switch in series with) the ALC/Battery circuit when the rig is turned off, it'll discharge the battery.

Alan Kaul, W6RCL
LaCanada-Flintridge, CA
<http://home.att.net/~alan.kaul/w6rcl.html>
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Sun, 8 Feb 1998 02:54:42 -0500
From: "duane" <duane@flinet.com>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [3291] Re: HTML
Message-ID: <01bd3466\$d0d6f9a0\$10180ed0@ab4be.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I thank the list and those who responded so graciously to enlighten me to the subject. NOT ONE SINGLE FLAME EITHER. thanks guys

duane
-----Original Message-----
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Saturday, February 07, 1998 4:04 PM
Subject: Re: HTML

>Hi Duane and all,
>
>Something that I think is being overlooked is that the
>people who are using Windows based systems can not only
>handle the HTML without any trouble but they can also get
>the pictures, drawings and such from a WEB site.
>
>Those who use UNIX systems that have more primitive mail
>programs can't do either! And I think the same goes for DOS
>based systems.
>
>So far in all the HTML messages I've seen there has not been

>anything done that couldn't have been done without the HTML.
>
>The BandWidth is a very important issue for many. And it's
>one of the driving factors in taking people off the list in
>favor of the digests. But the HTML inflates the digests too.
>
>So while there sure isn't anything wrong with HTML and it
>might well be argued that it's "better" or more "modern",
>the fact still remains that many people are inconvenienced
>by it.
>
>My feelings are that we have the WEB for all the fancy
>things we need. And we have QRP-L for the much faster, bread
>& butter ASCII text.
>
>No flames intended. Just my feelings.
>
>OK, back to FYBO. 20m been spotty. 40m is good. No QRPers
>heard on 15m or 10m.
>
>200 mW is fun!
>
>cul,
>--
>73, Ron, KU7Y
>
>NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
>QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
>AR QRP #150-----DM09cg-----New Washoe City, NV
>
>

Date: Sun, 08 Feb 1998 12:36:48 -0800
From: STEFAN BAUER <bauer@student.uni-kassel.de>
To: qrp-l@Lehigh.EDU
Subject: [3292] WHO built FOXXII kit ???
Message-ID: <34DE1760.C7517CFE@student.uni-kassel.de>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----CF0FDB87E3409094B0ED5F07"

Dies ist eine mehrteilige Nachricht im MIME-Format.
-----CF0FDB87E3409094B0ED5F07
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HI dear reader,

name here is steve and qth is near Kassel, Germany.

I am looking for somebody who set up the little FOXXII kit by Kanga.
I need somebody to talk to.

So if you did built one of these kits please let me know....

72 de steve

--

packet radio	:	dl1fdf@db0vfk.#hes.deu.eu
e-mail	:	bauer@student.uni-kassel.de
dl-qrp-ag	:	*GM*
g-qrp	:	8769
qrp-l	:	252

72 de steve DL 1 FDF -- DL/VY 1 QRP ... -.- . .

/eof/

-----CF0FDB87E3409094B0ED5F07

Content-Type: text/x-vcard; charset=us-ascii; name="vcard.vcf"

Content-Transfer-Encoding: 7bit

Content-Description: Visitenkarte f r STEFAN BAUER

Content-Disposition: attachment; filename="vcard.vcf"

begin: vcard
fn: STEFAN BAUER
n: BAUER;STEFAN
org: DL1FDF / VY1QRP
email;internet: bauer@student.uni-kassel.de
x-mozilla-cpt: ;0
x-mozilla-html: FALSE
end: vcard

-----CF0FDB87E3409094B0ED5F07--

Date: Sun, 08 Feb 1998 07:08:00 -0700

From: Jess Gypin <jessqrp@concentric.net>
To: qrp-1@Lehigh.EDU
Subject: [3293] Windows versus Unix.
Message-ID: <34DDBC40.227C56A4@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Monty said:

Something that I think is being overlooked is that the
>people who are using Windows based systems can not only
>handle the HTML without any trouble but they can also get
>the pictures, drawings and such from a WEB site.
>
>Those who use UNIX systems that have more primitive mail
>programs can't do either!

I love it! Thanks for the chuckle. I am forwarding this to all of the
unix reflectors that I subscribe to! (Just kidding!) ;-)

Best

Date: Sun, 08 Feb 1998 09:15:28 -0500
From: Richard Sherman <srichard@aldus.northnet.org>
To: qrp-1@Lehigh.EDU
Subject: [3294] FYBO and NA Sprint de WZ2T
Message-ID: <3.0.1.32.19980208091528.00911aa0@aldus.northnet.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Geez, what a day. I hadn't tested my 40m loop until yesterday to see if it was still working correctly. It was resonant somewhere around 51MHz. My 80m dipole was still half in a snow bank, and let's not discuss the vertical. A couple of months ago, I spent a lot of time cleaning up hash from the computer monitor that was around 14.063 and 21.063. I had it so it was barely audible. Now it's louder than before.

My first almost FYBO qso was with KL7JAF, but the monitor hash made that a struggle. I never did get Bruce's temp or power and he never got my exchange. He was stronger on the 80m dipole, but he couldn't hear me. I switched to 40m and began getting 339 reports from stations that I'd always gotten at least a 579 from, oops, still on the dipole. Change over to the loop, that's more better but still not getting the type of signal reports I've been used to with that antenna. So now with the equipment problems

more or less taken care of the only problem was with the operator. I struggled with almost every contact, if the other station wasn't 599 then I had a problem copying it. One of the first stations I worked was sending around 20wpm, and I asked him to QRS. He slowed down to about 15 wpm I still had problems copying. I just never seemed to get into the flow of the contest. I had a grand total of 52 QSO's for FYBO, which bettered my score from last year. And because of my mental attitude, the fun quotient just wasn't there either.

I also tried the NA Sprint for the first time. I can see why people find it so much fun. It's a fast and furious pace, including the CW. I spent about an hour just listening and trying to figure it out. I made 4 QSO's in about an hour of actual trying to contact people time, about 2 hours of total on time. Did anyone else notice that there was no RTTY or SSB between 7.030 and 7.050 while the Hi Power Sprinters were there? That sure made 40m a pleasure during that time period.

72 de Rick WZ2T NNY Franklin County

srichard@northnet.org

---If you're not part of the solution,
You're part of the precipitate.---
Steven Wright

Date: Sun, 8 Feb 1998 10:44:13 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu, Laurel ARC <larc-l@webtrek.com>, quefive@tiac.net, Matthew S Swain <mss4@dana.ucc.nau.edu>, grao@umbc.edu, bipsy@juno.com, railbird@bellatlantic.net, dwyerds@erols.com
Subject: [3295] NF3I/MD-MW FYBO (long but worth it!)
Message-ID: <Pine.LNX.3.95.980208103104.21901B-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Maryland Milliwatts QRP FYBO...single xmtr, multi-op.
Call used - NF3I
Loaction - Burtonsville, MD
Coldest temperature experienced: 36F
68 Qs x 34 SPC x 4 (field) x 4 (<40F) x 2 (batt) = abt 36k points

Wow, talk about fun! Chris N3XRV and I used two of those 32' aluminum masts with 5' PVC sections he'd machined with a Dremel in order to get 'em to fit (ID <> OD, heh heh). Anyway, that was at 9:30 a.m. The setup was only abt 1/2 mile from my

house, which was convenient because I had to walk the dogs every six hours or so.

SO ANYway, two masts went up. One held the G5RV, and the other held a 66' "director." It didn't NOT work, but I can't promise it really helped that much :)

The "station?" The tailgate of Chris' Suburban.

We made it on air at 1630z, about 30 mins late. We must have done a good job on the antenna because we could actually hold frequencies for periods of time... well, not as well as WQØRP could, but it was fun.

Running the "full pint" on Chris' IC-735 (and with a few small gel cells that seemingly wouldn't die, even though the 735 draws 4 amps on xmit, and we were calling CQ a lot) we tallied a prelim total of 68 Qs and 34 multipliers.

20 was fair, 40 was pretty good, and 80 completely stunk. Actually, I should clarify that 40 was good UNTIL the NA QSO Party started, and we became invisible amongst the 300-foot trees, being small shrubs.

Around 9 o'clock, we were pretty cold, and Qs were hard to come by, and Danny had to leave, so we decided to break everything down and pack up a few hours early. The whole clean-up took about 60 minutes, including making sure we didn't leave anything out in the field.

We'd had probably a half-dozen non-hams stop by.

Special Thanks:

To Danny, K3TKS, who brought two pizzas from Domino's. Hailing from NYC, I personally don't much like Domino's BUT it sure as heck tasted good.

To Toby, KB3BWR, experiencing his first outdoor operation, who brought a big bag of "Swiss Mix," containing nuts, peanut butter chips, raisins, and M&Ms...that didn't last long.

To Skip, KB3BXV, and family. He showed up three times, the last of which was at 11:00 when we'd already packed up, and I was at home warming up...

the hot cocoa still served its purpose.

To Pat, N3MIT, who graced us with his presence for several hours even though he was really feeling sick.

To Scott, N3BYY, who hung out for at least four hrs. with his guide dog sitting patiently in the truck.

To Jon, KD3FG, whose beard has grown of late and who couldn't bring his homebrewed shorty 20m 3 element backpack beam because his company had a crisis and he had to put in something like 40 hours this weekend, and somehow managed to swing by for a few minutes anyway.

To Nico, KF4UNA, who watched and wondered, "why?"

To Mike, N3UEZ, for giving us a scare because we didn't expect anyone else to be coming by :)

To EVERYONE we worked, FYBO or not, including those folks who said "TEMP? KN" when we asked them for the full exchange...guess they weren't sure what "TEMP" meant...and to hear a call, and we all suddenly shout out "Hey, it's" and fill it in with Ade, or Doc, or Ernie, or Brian, or Mike, or Rich, etc...

To all the spouses/SOs of everyone who participated, and didn't really have to ask why people would be going out and doing Field Day in the middle of winter, and putting themselves at a "disadvantage" by running just 5000 mW or less.

...and, most importantly, to the Burtonsville Elks Lodge members, who permitted us (with insurance certification in hand) to use their several-acre back lot just up the street from my home. There were NO other good options available, and we appreciate it greatly.

What did we learn?

After 10 hours, 36 degrees becomes pretty cold.
Layers of clothing help a little.
Thinsulate gloves are STILL pretty thick.
You CAN send CW with gloves on, albeit not very well.
It's hard to write legibly with gloves on.
Less than 5 watts works, period.

ZUT! Pass on the Pork Rinds (Lite)!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Sun, 8 Feb 1998 10:54:53 -0500 (EST)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>, eax@w3eax.umd.edu, Laurel ARC <larc-l@webtrek.com>, quefive@tiac.net, Matthew S Swain <mss4@dana.ucc.nau.edu>, grao@umbc.edu, railbird@bellatlantic.net, bipsy@juno.com
Subject: [3296] FYBO Wimps & flying tuners, with hail please...addendum
Message-ID: <Pine.LNX.3.95.980208104416.21901C-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK, OK, in my frozen state, I may have called a few "72F" people operating in cold climates "wimps."

This was probably uncalled for but at the time, with us outside freezing off parts of our anatomy, and YOU, sitting in your COMFY chairs by the NICE WARM FIRE, watching SNOWBOARDING from Nagano, it seemed appropriate.

DId I mention the sleet/hail? Ping, ping, ping...dude, what's that???

Flying tuner: an invention due to necessity. The antenna was fed with ladder line 36' up, BUT the ladder line was only 33'6" long. Dropping the line along the pole wasn't a good idea, either, as the pole is aluminum.

What to do?

...tape the antenna tuner (placed at the ladder line/coax junction) to one of the guy ropes. That's the 1st time I've ever seen that done.

"Hey it's raining, what about your tuner!?!?"

"Uh oh, better put a bag over it!"

Pictures coming soon to a web site near you!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

* 6m 82 grids on 8w * DXCC WAS WAC * QRP-L #147 * QRP ARCI #9054 *
* <http://w3eax.umd.edu/~ham> * ARRL Life Member /Laurel ARC/UMARA *
*** 301-549-1022 h 301-982-1015 w *** 35 wpm HF mobile CW Neon ***

Date: Sun, 8 Feb 1998 10:10:35 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: towertalk@contesting.com, antennas@qth.net, QRP-L List <qrp-l@Lehigh.EDU>, gqrp-l@blacksheep.org
Subject: [3297] HB9CV update
Message-ID: <Pine.SOL.3.94.980208100038.5040A-1000000@larry>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I had never been completely satisfied with the models used to obtain anticipated results from the HB9CV design of a phased 2-element horizontal array. since the original posting, I have developed some further tests of model adequacy, including relevant cross checks between NEC and MININEC, among other things.

The results has been some downward revision of the figures one may expect from an HB9CV design with reasonable F-B. These figures exceed what is possible from a parasitical 2-element beam, but fail to seriously challenge the 7 dBi free space mark. I also have an electronic dust bin filled with more optimistic models that failed various modeling tests.

Only the HB9CV section of the overall HB9CV note is affected. I am working on a simple way to convert almost any 2-element Yagi into a modified ZL/HB configuration for additional F-B with just a couple of hunks of coax and a fixed capacitor.

More on that later. I hope the revised HB9CV notes present a more accurate picture of a basically good antenna.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off) (423) 974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm) (423) 938-6335
Knoxville, Tennessee	/\	\	\	\	/	/ /	(FAX) (423) 974-3509
37938-4443 USA	/	\	\	\			cebik@utk.edu
URL: http://funnelweb.utcc.utk.edu/~cebik/radio.html							

Date: Sun, 08 Feb 1998 10:15:03 -0500 (EST)
From: n4js@pobox.com
To: qrp-1@Lehigh.EDU
Subject: [3298] FMB0 - 97
Message-ID: <XFMail.980208101503.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

The Weather Channel said it would be sunny and mid-forties, so I was not too dismayed at the early clouds. Set up on the dock at the marina. I has a nice picnic table, with a place to stick a mast for my Gusher II. Only thing was, there was a 15 mph East wind, and it was 37 deg, when I started at 1630Z. No sweat, I'm tough, and I have long undies, three flannel shirts, 2 pairs of socks.....

Then, about 30 minutes after I took a picture (see <http://www.qsl.net/n4js/fybo97.html> later today)...it started to sleet! Probably the only place in NJ with precipitation! (The XYL said it didn't do anything at home).

So, I retreated to the shelter of the Explorer. I set up the roof mounted Hustler, and was I surprised, it REALLY worked! So, in about 4.5 hours I made 36 Q's and 18 SPCs, all with the roof mounted antenna, most on 40M. Rigs were the GQ40 on 40 and the OHR100A on 20. Oddly enough, didn't work even 1 AZ station! Heard very little FYBO activity on 20M (but lots of other contest activity, and LOTS of European stuff). 40M was HOT! (Almost enough to thaw my fingers.) Temps ranged from 38 deg at start to a high of 41...that was as good as it got.).

Had fun, learned some stuff, and will be ALWAYS carrying that Hustler antenna in the Explorer. Maybe I CAN work a FOX from the parking lot at work.....

Sent at 10:15:02 on 08-Feb-98

John L. Sielke	n4js@amsat.org	n4js@pobox.com
n4js@qsl.net	NJ Grid:FM29LN	
http://www.qsl.net/n4js	NJ-QRP #57	QRP-L #884
QRP-ARCI	CQC #443	CQrp #50 AKQrp ARQrp
NE-QRP #507	G-QRP #9544	NorCal #1989 QCWA FISTS #2781 ARS #243

Date: 8 Feb 1998 09:16:30 -0700
From: K0su@kktv.com
To: qrp-l@Lehigh.EDU
Subject: [3299] FYBO & Home
Message-ID: <199802081611.LAA317570@nss4.cc.Lehigh.EDU>

Well, it sure was fun. I was a bit disappointed in my own performance, but then again I am not much of a tester. I heard a lot more than I worked, but some of the Fox hunting skills did help out. I was interrupted when my son walked in the shack. A complete surprise since he is away from town attending college. Was here for a job interview and stopped to see me. Maybe when he graduates I can afford more QRP gear!

Ran my Argonaut at 5 watts to a 102 ft dipole fed with 450 ohm ladder line. Need to get it higher though. Need a better cw filter for the Argonaut also. Used my RS DSP40, but need something earlier in the chain I think. Stayed at home since I had been camping with my Scouts the previous weekend.

Results are:

QSOs	X	SPC	X	Temp	Multi	X	Alt	Pwr	=	Total
15	X	11	X		1	X		2	=	330

Not a record breaker for sure, but still lots a fun. Highlight for me was working KH6/WB6FZH on 15 meters. My first 2X QRP with HI. Thanks Greg.

Thanks to all the ScQRPions for a lot of fun.

72, Rick
K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539
www.qsl.net/k0su

to: INT:qrp-l@Lehigh.EDU
cc: KG5N
w0irw

Date: Sun, 08 Feb 1998 11:21:18 -0500
From: jim <kw3u@warwick.net>
To: alan.kaul@worldnet.att.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3300] Re: I Stayed and Home and F-my-B0!!
Message-ID: <34DDDB7E.5640@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ALAN KAUL wrote:

>
>
> fired up the IC-725, installed my QRP box (a battery wired to a pot and
> connected by shielded
> cable to the ALC input jack to "trick" the transceiver into believing it's
> got a badly mismatched amplifier so it'll reduce power), set the output
> voltage on the Daiwa wattmeter at just a hair under 5W and tuned 20M. And
> Hey Alan, I use the ic-725 and there is a hi & a low pwr adjustment
pot which is easy to do, which will allow you to change low pwr
fm 7w to 5 or even less. If you need procedure or copy of
circuit board from manual lemme know.

I got home fm work and was gonna pass out qso on FYB0
but the NA test and SSB on 40 was too much, and 80
had serious static crashes..oh well...73 Jim

Date: Sun, 8 Feb 98 08:38:21 -0000
From: Russ Carpenter <russ@natworld.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [3301] Exciting News from ADVENTURE RADIO SOCIETY!
Message-ID: <199802081633.IAA04688@guppy.pond.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: quoted-printable

Aadventure Radio is pleased to announce two new events and one =
modified
event for 1998.

TOP OF THE WORLD (new)

This event is linked to the June ARRL VHF QSO Party, which is =
scheduled for
June 13, 14 and 15, 1998. You may operate the entire ARRL event and
designate any period of four contiguous hours for Top of the World. =
Or you
may limit your operation to any four contiguous hour period of your =
choice.

In either case, follow the rules of the ARRL event.

Operations will comply with the definition of =B3QRP=B2 in the ARRL = rules (CW, SSB or FM, 10 watts output or less). All participants in Top of The = World will reach their sites by =B3human power=B2-that is, they will walk, = bike or boat to their sites. The distance traveled to the site is at the participant=B9s discretion.

POWER OF ONE (new)

This is a four hour event during the second Sunday of September, = running from 10:00 PDT/11:00 MDT/12:00 CDT/1:00 EDT to 2:00 PDT/3:00 MDT/4:00 CDT/5:00 EDT. Thus, the hours of operation accommodate all four time = zones.

No matter where you live, there is time to for Oners who chose to = reach their sites with human power to travel to their sites, set up their stations, operate the contest, and travel back to their cars.

Both home-based and portable operations are encouraged. Portable = Oners must use human power to reach their sites (walking, biking or boating). The distance traveled to the site is at the Oner=B9s discretion.

The power for all participants is one watt. We operate CW on 40, 20, = 15 and 10 meters, on the standard QRP frequencies. We want this to be a = national contest, so we encourage long-range contacts by giving double points = for 20, 15 and 10 meters. 40 meter contacts will receive one point. The same = station can be worked on different bands for additional QSO points and = multipliers. The exchange is RST, state/province/country, and your status = (=B3HB=B2 for home-based and =B3PQ=B2 for portable.

Separate but equal prizes are awarded to the home-based and portable winners.

WAS/PQ (modified)

The rules for WAS/PQ are a now marvel of simplicity. Just work any =

domestic
event from a site your reach with human power (walking, biking, =
boating,
skiing, kayaking, or boating, by way of example). The distance =
traveled to
your site is at your discretion. You can operate from any location, =
running
five watts or less.

Submit your results to us. We will maintain a page on the ARS web site
showing the results of all who submit WAS/PQ logs to us. If you =
contact more
states in your next outing, submit your results again, and we will =
update
the page.

ARS will issue handsome certificates to all who submit logs, showing =
the
number of states you worked. So whether you work three states, or =
thirty
three states, we will be happy to document your accomplishment.

THE 1998 ARS CALENDAR

Here is the consolidated 1998 Calendar. Mark your little black books!

Spartan Sprint--January 5, 1998

Spartan Sprint--February 2, 1998

Spartan Sprint--March 2, 1998

Spartan Sprint--April 6, 1998

Spartan Sprint--May 4, 1998

Spartan Sprint--June 1, 1998

Top of the World--June 13 and 14, 1998

Spartan Sprint--July 5, 1998

Flight of the Bumblebees--July 25, 1998

Spartan Sprint--August 3, 1998

Spartan Sprint--September 7, 1998

The Power of One--September 13, 1998

Spartan Sprint--October 5, 1998

Spartan Sprint--November 2, 1998

Spartan Sprint--December 7, 1998

Russ Carpenter, AA7QU
Contest Manager

Date: 8 Feb 1998 09:44:44 -0700
From: K0su@kktv.com
To: qrp-l@Lehigh.EDU
Subject: [3302] FYBO & Home -- Oops
Message-ID: <199802081639.LAA504330@nss4.cc.Lehigh.EDU>

Ok, I can't count. Make that 16 QSOs.

Results are:

QSOs	X	SPC	X	Temp	Multi	X	Alt	Pwr	=	Total
16	X	11	X		1	X		2	=	352

I need every point I can find.

73, Rick
K0SU
Colorado Springs, CO
CQC #100 -- QRP-L #539
www.qsl.net/k0su

Date: Sun, 08 Feb 1998 11:57:09 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
To: qrp-l@Lehigh.EDU
Subject: [3303] Orlando Hamcation
Message-ID: <34DDE3E5.54DD@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Whose going to Orlando Hamcation next weekend?

I will be there on Saturday until 2-3. Was planning on bringing family (including my daughter the tech+) but need to be in Ft Lauderdale for a work mtg on Sat nite so will do convention solo. Anyone interested in a qrp mtg?

I should be easy to find. Tallahassee ARS will have the EC van (converted ambulance) set up in the fairway----the op should be able to find me. Also I will probably have one of the DEP suburbans for transportation (distinctive car, gov't (yellow/black) license plate).

Am open to suggestions if anyone wants to suggest a freq/time for a mtg.

Henry

Date: Sun, 8 Feb 1998 09:04:44 -0800
From: dave_epps@juno.com
To: Qrp-l@Lehigh.EDU
Subject: [3304] Hint & Kink
Message-ID: <19980208.090447.6678.1.dave_epps@juno.com>

I bought a can of the "liquid rubber" that is sold to dip tool handles in.
I planned to use it to weatherproof antenna connections.
It seemed that it would also make good "Etch Resist" so I tried it.
It worked good, the best part being that after etching the rubber peels right off.
dave ab5pc fresno, ca.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 08 Feb 1998 12:06:04 -0500
From: W2MY & W2MBY <n2mnn@spacegate.com>
To: QRP-L messages <QRP-L@Lehigh.EDU>
Subject: [3305] FOX:N/T Fox results Feb 7, W2MBY

Message-ID: <34DDE5FB.CEBFD411@spacegate.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hello everyone,

Friday night was an average night, as I made 13 contacts. The first hour was much better than the second. Towards the end of the hunt I realized there was some loud power line type QRM parked right on 7142. It was only about 400 Hz wide. I moved down to 7141.3 where it was quiet, but in five minutes the QRM had lowered, and I was in trouble again. Next time I will stay put and wait for the QRM to drift away. My Dad will check the thermostats next I'm on, when I hear the noise again.

I got some requests to go to 3686 for the guys in the skip zone. I met up with N8VZU almost immediately, but did not hear any locals. QRN on 80M was almost as bad as on 40M. Later on, my Dad heard a QSO between K0EVZ and N1TP at 02:50, but failed to raise them on 5W. They were 119-219 in NJ.

I am scheduled to be a Fox this Friday night local time but I have to cancel this. So don't look for me on Feb 14, 00:00 to 02:00 UTC. However, to give the locals a chance, I will try between 19:00 and 20:00 UTC. This is 2pm EST on Saturday.

So look for me Feb 14, 19:00-20:00 UTC, instead of 00:00 to 02:00 UTC. Maybe I can get some of you New Englanders.

72,

John, W2MBY

Result of N/T Foxhunt Feb 7 (13 VALID CONTACTS)

	FREQ	UTC	CALL	SNT	RVD	ST	NAME	COMMENT
1	7142.0	:02	K0EVZ	329	559	MN	DOC	
2	7142.0	:07	WA9PWP/M	219	559	WI	PAUL	
3	7142.0	:11	N1TP	339	539	FL	TOM	
4	7142.0	:14	AB0GO	339	339	CO	DAVE	
5	7142.0	:19	VE5RC	329	229	SK	BRUCE	
6	7142.0	:24	N5TW	229	449	TX	TOM	
7	7142.0	:35	WB0T	110	449	IA	JERRY	
8	7142.0	:45	NI0A	439	579	MN	JOHN	
9	7142.0	:50	W9SUL	449	559	MN	DAVE	
	7142.0	1:07	WA9PWP/M	229	559	WI	PAUL	(DUPE- SECOND CONTACT)
10	7142.0	1:14	WE6W	219	579	CA	ED	
11	7142.0	1:23	KB9IUA	229	589	IL	KEVIN	

12 7142.0 1:30 VE7CQK 119 329 BC PAUL
7142.0 1:39 K0EVZ 119 XXX XX XXX (DUPE- DOC WAS RUNNING 48 mW)
13 7141.3 1:59 N8VZU 119 229 OH DAN

Date: Sun, 8 Feb 1998 00:18:37 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: <henryf@quartz.gly.fsu.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [3306] Re: Orlando Hamcation
Message-ID: <19980208171818.AAA4183@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

N1TP, Tom, from Naples, Florida, will be there with KD4JEZ, Dave Weigel, a non-member. We passed up the Miami Hamvention this year to go to Orlando in stead. We have concluded that the Miami Hamvention is not what it used to be and is going down hill. 72, Tom, in beautiful, tropical, Naples.

> From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Orlando Hamcation
> Date: Sunday, February 08, 1998 11:57 AM
>
> Whose going to Orlando Hamcation next weekend?
>
> I will be there on Saturday until 2-3. Was planning on bringing family
> (including my daughter the tech+) but need to be in Ft Lauderdale for a
> work mtg on Sat nite so will do convention solo. Anyone interested in a
> qrp mtg?
>
> I should be easy to find. Tallahassee ARS will have the EC van
> (converted ambulance) set up in the fairway----the op should be able to
> find me. Also I will probably have one of the DEP suburbans for
> transportation (distinctive car, gov't (yellow/black) license plate).
>
> Am open to suggestions if anyone wants to suggest a freq/time for a mtg.
>
> Henry

Date: Sun, 08 Feb 1998 18:17:44 -0800

From: STEFAN BAUER <bauer@student.uni-kassel.de>
To: David Gauding <david.gauding@bbs.galilei.com>, qrp-list <qrp-1@Lehigh.EDU>
Subject: [3307] Re: WHO built FOXXII kit ???
Message-ID: <34DE6748.BB50B0B8@student.uni-kassel.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

hi david,

I ordered the foxx II kit last fall.
Now after I finished the first tests on the 20m version, only little
success turned out on the recieving part of this little foxy lady....

the keying is perfect, but the ocsillation of the circuit makes it
impossible to recieve any sigs besides it's own buzz!

yes, i do use an LP-filter.
what can i do!?

should i go for a 80m xtal instead of 20m and use this for my learning?

i will soon..! :-)

what is your idea and what band do you want to build?

--- steve

e-mail	:	bauer@student.uni-kassel.de
dl-qrp-ag	:	*GM*
g-qrp	:	8769
qrp-1	:	252

72 de steve DL 1 FDF -- DL/VY 1 QRP ... -.- . .
/eof/

Date: Sun, 08 Feb 1998 10:25:37 -0700
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3308] FYB0@ WB5QYT
Message-ID: <34DDEA91.1B77@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Fellow Qrpers!!

I was going to go to Pinetop with Jay and others but could not make it due to work. Anyhow, not wanting to miss out on such a fun event, N5KY, WB5USB, and I went up to the foothills of Albuquerque.

Weather wise it started out fairly nice with just a little breeze, so I thought I would try the kite antenna first. I got the kite up with about 90' of wire, and was heading back to tune it up, when a gust of wind came up and broke my line. Tried a second time, and broke it again. Wind blew hard (not quite like Riley) the rest of the day. Just tied off to a cactus and called it good!

Rigs used: OHR Spirit 40m
Emtech 20
MFJ 20m

Contacts: 147 of which were all in AZ....does this mean I won that lil rig that is being offered for working the most AZ stations??? HEHE!!

Temp was 45 degs, with on and off blowing snow with a lil rain now and then...wind chill was probably down to 35 deg's. Can I count the wind chill in my score? If not, next year it would be a good idea to do. Not a whole bunch of contacts for me, but only operated about 2 hours and most of the time was spent trying to get the kite up!!

Next year, big trees and the spud gun!!
KU7Y....Ron good sig for 200mw...I couldn't believe it!
N7CEE...Scott very good sig for .9 watts too!
WA5WHN, K5BI....had the lowest temp's of 34F...Jay and Gary, was that figuring the wind chill???!!
Next year forget the kite and going to find a big tree for the antenna so I can use the spud gun!

Sure had a good time, although it was short! See ya all next contest!

72, Tom WB5QYT "Have spud will travel!"

Date: Sun, 08 Feb 1998 12:39:29 -0500 (EST)
From: n4js@pobox.com
To: qrp-l@Lehigh.EDU
Subject: [3309] FYB098 URL
Message-ID: <XFMail.980208123929.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit

MIME-Version: 1.0

OK, I got so cold my brain froze! The correct URL for my FYBO picture is
<http://www.qsl.net/n4js/fybo98.html>.

I still am screwing up on checks, too!

Sent at 12:39:29 on 08-Feb-98

```
John L. Sielke n4js@amsat.org n4js@pobox.com
| \ | | | | _ | | / _ | n4js@qsl.net NJ Grid:FM29LN
| . ' | | _ _ | | | | \ _ _ \ http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
| _ | \ | | _ | \ _ _ / | _ _ / QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
```

Date: Thu, 4 Jan 1996 18:01:34 -0800 (PST)
From: Sam <kc5tja@animeonline.ml.org>
To: qrp-l@Lehigh.EDU
Subject: [3310] Modem plans and Re: Windows versus Unix.
Message-ID: <Pine.LNX.3.96.960104171456.11731B-100000@animeonline.ml.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 8 Feb 1998, Jess Gypin wrote:

> Something that I think is being overlooked is that the
> >people who are using Windows based systems can not only
> >handle the HTML without any trouble but they can also get
> >the pictures, drawings and such from a WEB site.
> >
> >Those who use UNIX systems that have more primitive mail
> >programs can't do either!

Do you have evidence that proves this?

> I love it! Thanks for the chuckle. I am forwarding this to all of the
> unix reflectors that I subscribe to! (Just kidding!) ;-)

I want to clear up some obvious misinformation about Windows vs. Unix mail
client support:

1) Yes, we can download ANY type of mail that comes through. I hate to
tell you folks this, but MIME was invented for and by UNIX programmers,

not Windows. Furthermore, I receive mail with attachments all the time. I can always load up the LYNX web browser to access a web site or, if necessary (rarely), Netscape 4.04 for Linux.

2) UNIX mailers don't support fancy schmancy text formatting and/or HTML not because they're primitive, but because absolutely NOBODY wants it. I leave it as an exercise for the reader to determine why.

3) UNIX mailers define the Internet mail standard, and will continue to do so for the foreseeable(sp?) future. If you don't like this, switch to AOL, Compuserve, or Prodigy. Their services provide gateways so non-UNIX compatible mail formats can be used over the Internet. There are even local BBS systems that support mailer formats that are ORDERS of magnitude better than MIME, such as QWK and BlueWave (my favorite!), that provide excellent mail and news gateways.

I don't consider this message as a flame piece, so I hope you folks on the list does not either. However, I feel that, in this case, users of UNIX are being unfairly represented in the Windows Vs. Unix argument.

And as far as the "humor" content is concerned, I fail to see any of it. I'm not getting upset either. But I encourage that you "watch what you say," since there is always the chance you could inadvertently start a flame-war about who's OS is better. Remember the USPS fiasco?

(Speaking of the USPS, I found out that they DID in fact deliver my membership check to the ARRL, and it WAS cashed. But ARRL insists they didn't receive it. Thus, I am having my bank send me a copy of the cancelled check, so that I may fax it off to the ARRL. Hehehe... the \$#!+ will definately hit the fan now...)

This matter is best discussed via e-mail, since it's grossly off-topic on this list. This will be my last posting on the subject.

TEXT BELOW THIS LINE IS NOT FLAME BAIT. IT IS INFORMATIONAL ONLY.

I am currently using Linux 2.0.29 on my computer. I installed Linux on my computer about two years ago (my first installation used 1.3.18, since that's all I had at the time). Since that time, I have NEVER had a single need to switch back into Windows. So, when installing 2.0.29, I repartitioned my harddrive completely: 256MB partition for OpenDOS and GEOS, and the rest of my 2GB drive to Linux. I only have 16MB of memory, and I do not use a swap file unless I run X Windows (X11R6).

I run absolutely no Microsoft software, as I've had nothing but "bad luck" of the worst order when doing so. Other people have much better luck than I, and more power to them (Microsoft Word 95 is an excellent product -- use it all the time at work. But I could never get it to run on my

computer when I had Windows... :(). Use the right tool for the right job... :)

OBLIGATORY QRP:

My next project with this computer is to interface it directly via AX.25 "frame relay" using a homebrew 160kHz-180kHz link directly to work (that is, actually putting it *ON* the LAN at work directly, and assigning myself a dedicated IP). The development server there is also running Linux. I'm not using the parallel port for anything right now, so that'd be a perfect I/O interface for this application. This is for my experimentation only, and has nothing to do with the desires of AxisInternet. It is, however, my attempt to make a radio modem that can handle roughly 8192 baud (1 bit per symbol for now; more planned for later) for 2m.

The plan is to use the 160-180kHz region temporarily, just to get everything working correctly (especially since my oscilloscope is only 60MHz unit). After that, I'd use the 160kHz-180kHz "RF" signal as an IF for a final mixer and RF amplifier stage. The whole unit would be run at most at 5W. I don't need anything more than that, I think. I heard that BPSK has excellent signal processing gain (6dB if I'm not mistaken).

IDing would be handled as 13wpm or 20wpm morse code. The ID string for node 0 (the destination node) would be as follows: "KC5TJA/6 HB MODEM BPSK NODE 0 8192BD 8192BPS AX.25". My home unit (node 1) would be virtually identical. That should give the FCC enough information so that they can determine what I'm doing, and thus, not nab me on using "cyphers" on the air. Expected bandwidth would be roughly 20kHz, which is the maximum bandwidth per "channel" according to my FCC Rulebook.

OK, I'll go back to daydreaming now... :-)

```
=====
KC5TJA/6      |      -| TEAM DOLPHIN |-
QRP-L #1447   |      Chief Architect and Project Founder
               |      (web page under construction)
               |
```

Date: Sun, 8 Feb 1998 11:22:01 -0700
From: "Ron Smith" <resmith@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [3311] Re: Modem plans and Re: Windows versus Unix.
Message-ID: <002c01bd34be\$8beae6a0\$3a22a5ce@primenet.com.primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sam, I'll be honest with you... I HATE Unix! For every week I work with Unix, it takes me a month to get use to DOS or Windows again. :-)
Actually, once I got around the directory structure (where files were placed and why) I found Unix to be akin to logical thinking. I still use Windows and DOS only because of the programs available for those operating systems and the way I can file messages with the new Outlook Express (part of Internet Explorer 4.02.) Unix isn't for everyone -- and neither is Windows for that matter. :-)

72 all around...

Ron Smith

Amateur Radio Callsign: KD7VD
Boise, Idaho
E-mail: resmith@primenet.com
QRP-L #1291...ARCI #9580...NorCal #????
AK/QRP #352

Date: Sun, 8 Feb 1998 12:23:48 -0600
From: "Chris Mayer" <crmayer@mindspring.com>
To: <qrp-l@Lehigh.EDU>
Subject: [3312] KnightSMiTe transceiver
Message-ID: <199802081823.NAA31451@camel8.mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Last night I built a SMiTe radio. As a result, I have had a major shift in my ham radio paradigm: surface mounted devices are FUN!

It turns out that mounting those little components is much easier than you might think. I feel like I have made a big discovery.

Many thanks to the Knightlites.

Chris, WB4HFA

Christopher R. Mayer, AHC
Valasek-Mayer Associates,
The Keyes Group, Inc.
Post Office Box 360808
Birmingham, AL 35236

Phone 205-988-4326
Fax 205-733-0386
<http://www.valmay.com>

Date: Sun, 08 Feb 1998 10:31:00 -0800
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3313] Re: HTML for the last time from me!
Message-ID: <34DDF9E4.7C2FE8B5@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

It seems that again I've been misunderstood!

Lets take a look at reality. Most people who are on .edu accounts have no choice in the software provided the UNIX (or whatever OS is used) machines.

This should not be twisted into thinking that I think UNIX can't handle better mail readers than Pine and Mail. It's just that for many, that is the choice!

Just because there are fancier tools to be had doesn't mean that they are better. Just different. Tools are just tools.

I think it's just as silly to expect everyone on the list to "upgrade" their software, OS, provider and etc. in order to see text with HTML coding as it is to expect all QRPers to use the same power level, or buy the same type of antennas!

In a "society" as different as QRP-L, the KISS formula is by far the best to follow. So far no one has convinced me that there is any earthly reason to jump through a bunch of hoops

just to be able to see 3 quoted messages ending with the new
"I agree" line!!

And I apologize for the BW again. It's the last from me on
the list about HTML. Lets let it die a final death and get
back to QRP.

With or without UNIX.... :-)

Back in my hole.....

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: 8 Feb 1998 18:52:03 GMT
From: Zack Lau <zlau@arrl.org>
To: qrp-l@Lehigh.EDU
Subject: [3314] FYBO
Message-ID: <6bkusj\$ui3@mgate.arrl.org>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Light activity--56 QSOs Zack W1VT

Date: Sun, 08 Feb 1998 10:59:10 -0800
From: Monte Stark <ku7y@dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [3315] Contest Logs, where/how to send them & etc
Message-ID: <34DE007E.C75B090B@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Folks,

Here is a handy WEB page to keep. It lists all information
on where to send your ASCII logs for different contests.

<http://www.contesting.com/email-logs.htm>

Here is a typical form for the logs that get e-mailed:

20	CW	08/02/98	0100	13	WI9WI	56	JIM
Wi	Wi	1					
20	CW	08/02/98	0101	14	N0NI	83	ED
Ia	Ia	1					
20	CW	08/02/98	0102	15	K10J	47	OJ
Tx		1					
20	CW	08/02/98	0103	16	KW8N	69	BOB
Oh	Oh	1					
20	CW	08/02/98	0104	17	WC4E	71	JEFF
Fl		1					
20	CW	08/02/98	0105	18	K5GN	102	DAVE
Tx		1					
20	CW	08/02/98	0105	19	AA4GA	72	LEE
Ga	Ga	1					

This is the output of the logging program I use (TR Log) in ARRL format. It is accepted by all the major contest checkers.

Here is what the columns mean:

Band, Mode, Date, Time, QSO #, Call worked, Their qso #, Name, SPC, Multi, Pts.

(As you can see, I was getting by plow cleaned right from the start!)

At the end of the log sheet or as a separat file, include a summary. Here is the output of my logging program:

Callsign Used : KU7Y
Operator : KU7Y

Category : QRP (5w)

Default Exchange : Other stations call, KU7Y, serial number, RON, NV

Name : Ron Stark
Address : 3320 Nye Drive
City/State/Zip : New Washoe City, NV 89704

Country : United States

Team/Club : QRP Warlords

BAND	Raw QSOs	Valid QSOs	Points	Mults
80CW	15	15	15	3
40CW	40	40	40	13
20CW	30	30	30	15
Totals	85	85	85	31

Final Score = 2635 points.

It doesn't need to be in this form. But it should contain this information. Some contests don't require all this data, but some do. You can always send in a bit too much!!

If you use a logging program it will do all the above for you. If you are using paper logging, you can key in your own log using the above as an example and then e-mail it. Saves the contest people from having to do it and it also lets you check to be sure it gets keyed in right!!

Speaking of which, I lost something like 14 QSOs last year for errors in copying! Hope it's better this year....

There are always those who get "Golden Logs". That's logs with NO errors! These are some of the highest scoring stations. Yessiree, some of these folks are really that good!

The reason for the post is to encourage EVERYONE who made at least one contact in the Sprint to e-mail you log to:

cwsprint@contesting.com

This helps the whole QRP movement. The more they see people testing the waters with QRP the more room they make for QRPers!!

Thanks to all who even so much as listened. In 6 months there will be another one. And for you who like SSB, they

have a Sprint just for you! Ask Floyd, NQ7X about SSB
Sprinting with QRP.

Speaking of SSB, I found the mic for the 1000MP last night
after the Sprint. I took it out of the box, plugged it into
the rig, twisted the gain knob and what ever that other one
is called up until the meter flickered. Set the freq. to
3830 and gave someone my score. Have no idea who I talked to
or how much power I was running. If you can believe the
lights it was around 40w.

You will be glad to know that I put the mic back in the
baggy thing and put it back into the box. (How do they get
them in there at the factory without the box bulging?). Mark
this on the calendar folks!!

Thanks again,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Sun, 08 Feb 1998 11:30:52 -0800
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3316] Re: Contest Logs, where/how to send them & etc
Message-ID: <34DE07EC.9B899063@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Again,

Seems that this "fancy" mail program sets it's own line width with no
regard for what I tell it! Gad, I hate all this AUTO nonsense! Let me
make my own mistakes. I sure don't need any help from Netscape!

Anyway, here are the log lines fixed up so they make sense now!

20 CW 08/02/98 0100 13 WI9WI 56 JIM Wi Wi 1

20	CW	08/02/98	0101	14	N0NI	83	ED	Ia	Ia	1
20	CW	08/02/98	0102	15	K10J	47	OJ	Tx		1
20	CW	08/02/98	0103	16	KW8N	69	BOB	Oh	Oh	1
20	CW	08/02/98	0104	17	WC4E	71	JEFF	Fl		1
20	CW	08/02/98	0105	18	K5GN	102	DAVE	Tx		1
20	CW	08/02/98	0105	19	AA4GA	72	LEE	Ga	Ga	1

There, that looks better!! Now the exploitation of fields work!

Sorry,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
 QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
 AR QRP #150-----DM09cg-----New Washoe City, NV

 Date: Sun, 8 Feb 1998 14:31:09 -0500
 From: ki3b@juno.com
 To: qrp-l@Lehigh.EDU
 Subject: [3317] Scout for Sale
 Message-ID: <19980208.143110.5190.0.ki3b@juno.com>

Ten Tec Scout 555 w/ all modules 80-10, noise blanker,
 mobile mount, hand mike, book.

Works ok, looks good

\$650 plus 1/2 shipping

Joe KI3B

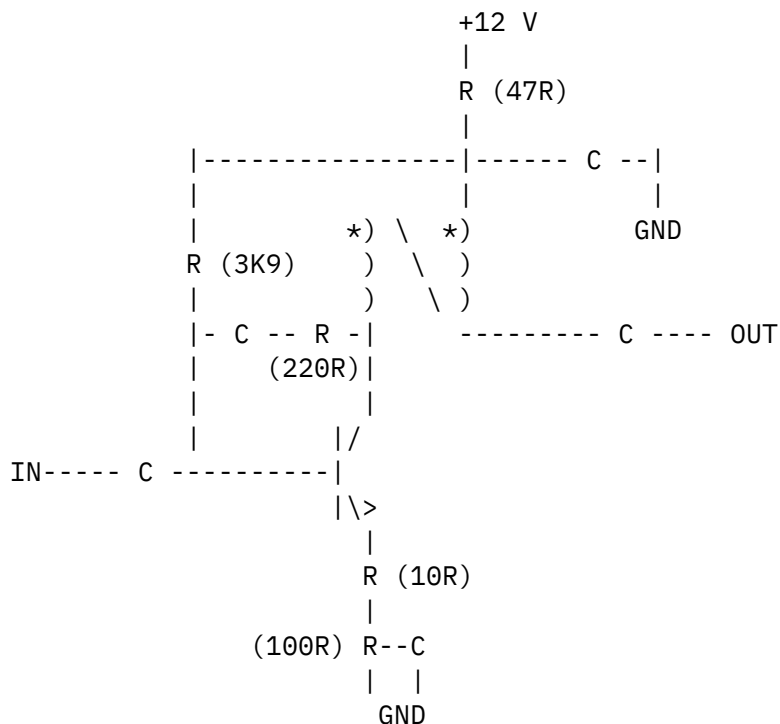
KI3B@aol.com

 You don't need to buy Internet access to use free Internet e-mail.
 Get completely free e-mail from Juno at <http://www.juno.com>
 Or call Juno at (800) 654-JUNO [654-5866]

 Date: Sun, 8 Feb 1998 19:28:37 +0000
 From: Leon Heller <leon@lfheller.demon.co.uk>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3318] Wideband RF amp. using 2N2222
Message-ID: <0zf7rFAlDg30Ewy6@lfheller.demon.co.uk>
MIME-Version: 1.0

I've been messing about with wideband feedback amplifiers, and thought I'd try the 2N2222 in this type of circuit. A schematic for a wideband amplifier using the 2N2222 was published some years ago, but the 2N2222 ran extremely hot when I tried it, so I've designed my own:



All Cs are 100n ceramic. The transformer (broadband transmission-line type) is eight bifilar turns (3-4 twists per cm) on a balun core. The 2N2222 is taking about 20 mA so it will get a bit warm. I actually used a 2N2222A.

Input and output impedances are about 50 ohms. Gain is about 10 dB and the bandwidth is roughly 200 kHz to 50 MHz. The noise factor will be rather high so I wouldn't use it in the front end of a radio (similar circuits using low-noise devices like the 2N5179 are OK). It's ideal for, say, getting the +7 dBm signal needed for a diode mixer, from a low-power oscillator and buffer amplifier.

I've also been experimenting with a "noiseless" feedback amplifier. I'll post the details when I get it working properly.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " ["/diy_dsp.htm](#) for a simple DIY DSP ADSP-2104 system.

Date: Sun, 08 Feb 1998 12:50:00 +0000
From: Riyadhth Al-Kazily <riyadth@cyberhighway.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [3319] FS: a few misc. goodies
Message-ID: <34DDA9F8.78051558@cyberhighway.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello,

Just been cleaning up the shack, and I decided a few things must go.

Ten-Tec antenna tuner #247

No meter, just 2 caps & a tapped inductor. Has coax to transmitter, and choice of coax, single wire, or balanced output to antenna (no antenna switch, just 3 choices of output). Very good condition, some light scratching to show its age. \$45 shipped anywhere in the lower 48.

Ten-Tec crystal oscillator #241

For the Triton IV. Contains space for 6 crystals, and has controls for crystal select, on/off, and offset. Never used. In original box with docs. \$10 shipped anywhere in the lower 48.

MFJ CW filter CWF-2

Has 1/4" mono phone plug & jack, controls for on/off and selectivity (out, 180, 110, 80). Runs on internal 9v battery. \$10 shipped anywhere in the lower 48.

Wilson UHF HT model MH-400

2 channel compact crystal HT, complete with NiCd pack and stubby rubber duck. I tried to convert it to the Ham bands (443.600 repeater), but was only able to get the receive crystal to oscillate. Includes schematics

and documentation. \$12 shipped anywhere in the lower 48.

If there are any questions about this stuff, or if you just want to make an offer, feel free to drop me a note.

-- Riyadhth Al-Kazily KB7YWE DoD #295 --
-- riyadhth@cyberhighway.net Boise, Idaho --

Date: Sun, 08 Feb 1998 11:45:21 -0800
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [3320] FYBO Report (long)
Message-ID: <34DE0B51.7A0A@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

AC6KW FYBO '98 REPORT

The past week was spent trying to charge up a couple of deep cycle batteries for our field ops for FYBO '98. The combination of rain, gale force winds, mudslides, and power outages proved this to be a difficult proposition. The charger was off and on all week to get both batteries charged.

The original plan was to head for Fremont Peak, a 3000ft peak about 50 miles from home. We, Ron K6EXT and I, had worked the CA QSO party from there and felt it would be a great site for FYBO and some winter camping. As the week progressed and the roads were closed one by one, we realized this would not be possible. A quick call to the local state campground found that all campgrounds in the area had sustained extensive damage and were closed. The ranger wanted my phone number to report me to the local mental institution just for asking.

Not to give up easily, we decided that since I live in a rural area with lots of trees, we could camp out here and do field ops from the yard.

Mother nature was not on our side. At 15:00, I went outside to figure out how I was going to put up my dipole. The rain was coming down in drops the size of golf balls at a 45 degree angle at 40 MPH! After being pelted for a few minutes by multiple sorties of these freezing cold water bombs, I realized putting up the antenna would prove impossible.

I retreated to the shelter of my shack, soaking wet and shivering. A quick change of clothes and I was still cold, but dry. The family would be gone today so I could turn off the heat and not be interrupted. A quick check of the thermometer showed the temperature at 60F, not cold enough. The outside temperature was 47F. I opened the shack window. Flipped on the rig and began my assault at 16:30. After working a few stations, I looked up and found the rain coming in through the opened window. I got up and closed the window, dried a bunch of wet papers and books, and went back to the rig. After putting away the first 16 QSO's in an hour and a half, I decided this was too much fun. That stash of stogies, the bottle of brandy (meant to keep us warm in the cold winter's night), the day off work, having fun, and nobody home, hmmm

The temptation was too much and I fired up my Big Butt Perfecto. I couldn't open the window in the shack and had to hope the smoke would clear before the family returned. Back to the contest, stogie in hand.

Ron arrived at about 19:15 with his recently completed SST in hand. I took a break and threw the SST on the scope to align the transmitter. 1.4W out, nice clean signal, and crying for a QSO. We popped an antenna on it and pounced on John in Joshua Tree about 400 miles away. He wasn't in the contest, but was QRP and willing to give me the info for the contact (although his temp was a guess). Well that was it, a first QSO calls for a celebration doesn't it? Ron fired up his cigar and in keeping in line with the contest theme we tried to get cold by breaking opened a couple of ICE COLD beers.

Back on the air, I continued to work stations on both 20, and 40 meters, until about 24:00, when the NA Sprint stations took over and I could no longer hear any FYBO stations. I am convinced that QRP works, but QRPp? Ron, KU7Y, had a great signal here from NV with only 200mW. The most amazing contact was Tony, AA0SM, with 900mW. His signal was as loud as any 100W signal all the way from MN. The contest was fun as I worked people I knew. It was fun to reply to callers with "GM John UR 559 .." Also, not as serious a contest as some there were even a few Hi Hi's thrown in.

My XYL arrived home about 02:00, pizza in hand. If you guys thought you were risking life and limb facing the cold, wet, ice, and wind, try facing your family after smoking cigars in the house all day! I won't be trying that one again ;-).

All and all we had a great time. Wish I could have gotten the field multiplier, but it just wasn't to be. Can't wait until next year to try again.

--

73 de Jeff AC6KW

Hi all,

OK, I want to send a plain ASCII text file.

I am using Netscape 4.whatever.

If I "Attach" it, Pine will not read it.

I see no other way of sending files.

>From what I see in there help files, Netscape really is brain dead!

What am I missing?

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Sun, 08 Feb 1998 15:06:57 -0500 (EST)
From: n4js@pobox.com
To: qrp-l@Lehigh.EDU
Subject: [3323] ScQRPions Email?
Message-ID: <XFMail.980208150657.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

DUH!

I lost Joe Gervais' email address, to send FYBO logs. As long as we are talking about that.....wern't we?

Thanks,

Sent at 15:06:57 on 08-Feb-98

John L. Sielke n4js@amsat.org n4js@pobox.com
n4js@qsl.net NJ Grid:FM29LN
<http://www.qsl.net/n4js> NJ-QRP #57 QRP-L #884
QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243

Date: Sun, 08 Feb 1998 15:08:11 -0500
From: mikemo@ibm.net
To: henryf@quartz.gly.fsu.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3324] Re: Orlando Hamcation
Message-ID: <34DE10AB.61BA@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Henry Freedenberg wrote:

>

> Whose going to Orlando Hamcation next weekend?

I'll be there Friday evening, looking for bargains. Then I'm going back on saturday with my son (7). Be glad to hook up with you.

72 de kf4trd
Mike Maiorana

Date: Sun, 8 Feb 1998 15:17:51 -0500
From: "William C. Robbins" <billrobb@net-link.net>
To: qrp-1@Lehigh.EDU
Subject: [3325] FS: Heathkit HW-7
Message-ID: <199802082017.PAA09239@serv01.net-link.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I have an HW-7 I received in a trade. Electrical condition unknown. Cosmetically it is average. \$65 shipped.

Bill

Date: Sun, 08 Feb 1998 12:31:26 -0800
From: Laura Halliday <ve7ldh@direct.ca>
To: qrp-1@Lehigh.EDU
Subject: [3326] Re: Modem plans and Re: Windows versus Unix.

Message-ID: <34DE161E.612669D6@direct.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Modems, huh? I built a simple PIC programmer the other day, tested it by burning a simple program into a 16C84 (so much work to make an LED flash!) and have been thinking of all the things that a cheap, easy to program, microcontroller might be able to do when people are playing with radio. Things like intelligent transmit/receive and bandswitching are almost too easy - I want more!

A couple of Microchip Application Notes in particular have caught my attention. When people are implementing things like IIR filters, FFT and various DSP functions, I start to think of things like DSP modems. The faster PICs just might be able to play modem at a useful speed. RISC + Harvard architecture - yum! Hmmm...

For even more fun, check the prices on these toys. Pay particular attention to their power consumption. Did somebody mention QRP?

I don't know about you, but I find this far more interesting than blathering about email systems. They are a utility. They work, and do not bother users with irrelevant details. Mine works - or I would throw it out and replace it. I guess that's my girlish naivete again...like my odd notion about this list having something to do with amateur radio, rather than being a forum for ISP gripes.

...laura

Date: Sun, 08 Feb 1998 12:33:00 -0800
From: Rich Wilkerson <richqrp@home.com>
To: n4js@pobox.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3327] Re: ScQRPions Email?
Message-ID: <34DE167C.94C798A1@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

n4js@pobox.com wrote:

>

> DUH!
>
> I lost Joe Gervais' email address, to send FYBO logs. As long as we are talking
> about that.....we're not we?
>
> Thanks,
>
>
> Sent at 15:06:57 on 08-Feb-98
> John L. Sielke n4js@amsat.org n4js@pobox.com
> | \ | | | | _ | | / _ _ | n4js@qsl.net NJ Grid:FM29LN
> | . ' | | _ _ | | | \ _ _ \ http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
> | _ | \ | | _ | \ _ _ / | _ _ / QRP-ARCI CQC #443 CQrp #50 AKQrp ARQrp
> NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
>

It is, vole@primenet.com

--

Rich Wilkerson
WD6FDD, Santee, Ca.
72's, 73's

Date: Sun, 8 Feb 1998 15:41:09 -0500
From: "John J. McDonough" <jjmcd@mdn.net>
To: <ku7y@dri.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [3328] Re: How to send a file?
Message-ID: <199802082031.3396500@midland2.mdn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

> From: Monte Stark <ku7y@dri.edu>; owner-qrp-l@Lehigh.EDU

> OK, I want to send a plain ASCII text file.

>

> I am using Netscape 4.whatever.

>

> If I "Attach" it, Pine will not read it.

>

> I see no other way of sending files.

>

> >From what I see in there help files, Netscape really is brain dead!

>

> What am I missing?

Well, remember just like in QRP - Keep it simple!

Assuming you're using Win95 (since it seems like almost everyone is), create a new mail message and address it where you want it to go. Then, open up your text file with Notepad. In Notepad, select Edit->Select All then Edit->Copy. Click back in the body of your message, and paste the test file into the message.

In fact, if it is a '.txt' file, and you attach it, Pine will read it, but it will be preceded by one of those MIME blocks, so it risks getting deleted by those folks with an itchy trigger finger.

73 de WB8RCR

Date: Sun, 8 Feb 1998 15:35:48 -0500
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [3329] HTML, Mime and the like
Message-ID: <199802081536_MC2-326F-FD9D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi guys,

Another tuppence worth. =

Because of work difficulties with access from there and time from home, I= opt to take the digest form of the list. I can use DOS from the old lapto= p via our internal (old, slow) phone system.

At home I access Cserve and AOL up to 33 without too much difficulty, but= I still take the list in digest form to allow for the DOS access.

The HTML and MIME formats are now starting to cause just about as much wasted bandwidth as my other perennial digester's gripe, quoting previous= messages unnecessarily. The list is growing in size almost daily, but th= e

CONTENT remains about the same!

The list used to run about 60,000 bytes daily and just over 100,000 at weekends. It now runs 150,000 on a regular daily basis, and on occasion over 200,000 at weekends. The numbers of messages have remained almost the same, ergo-where does the extra bandwidth come from? EASY, from HTML, MIME and un-necessary quotes and re-quotes of previous messages.

All the digester's ask is that you think before you copy messages verbatim, and don't use the garbage creators unless you have to. I would have no objection to seeing two pages of garbage if it said before it something like "Schematics of XYZ in HTML format" and then at least we would know what it is. Please remember, in digest form, the delete button does NOT operate on individual messages.

```
Safety suit on, awaiting flames>>>>>>>>
```

72 and 73 de Mel
GM6JAG
Edinburgh, Scotland UK.
Home of the last HW9

G-ORP 1283 EA-ORP 88 ARRL and the likes

Area Chairman, British Caravanner's Club, Scotland.

Date: Sun, 08 Feb 1998 12:40:56 -0800
From: Rich Wilkerson <richqrp@home.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [3330] FYB0 and birthday
Message-ID: <34DE1858.B92DF411@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to all,

My birthday and FYBO were on the same day, so I really did not get in much operating due to the grand kids coming over and getting grandpa presents and such. Did manage to get some operating in, hit and miss, mostly miss. Only 9 contacts, but I thank all of the nine, HI HI. Some rain, wind and one of the trees in the backyard where i was

operating from broke and fell somewhat near my location. I think that was one of the times I thought it would be a good idea to visit with the grand kids. Now that the contest is over and if the rain stops I can start to cut that old willow up and put it in the fireplace. I had a very nice Birthday with my family here and my Qrp family out there. Thank you all very much.....

--

Rich Wilkerson
WD6FDD, Santee, Ca.
72's, 73's

Date: Sun, 8 Feb 1998 14:45:57 -6
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-1@Lehigh.EDU
Subject: [3331] FYBO - N8ET in Texas
Message-ID: <199802082041.PAA12891@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

As W5FN mentioned in his post earlier, I was (and still am) in Texas this weekend. It looks like I will be here another week.....

Saturday AM I got up early and went to a breakfast meeting of a local club northwest of Houston, and heard a good talk on Sunspots. Then I jumped in the car and headed west to visit W5FN for a couple of hours in FYBO. I arrived after lunch - long after Tim had done the hard work and gotten the antenna and rig set up. He had his "trick" GQ-40 there with a neat new DDS he has designed and built running the GQ-40. He has also done a mod to the xtal ladder filter so that it is variable bandwidth. The DDX VFO was in an "original homebrew case" - which was actually a cardboard box with the keypad and controls mounted on one side, and the PC board hanging in the middle. Cardboard must have some sort of EMI shielding property - I could not hear any digital noise in the GQ-40.....

Highlight of the operation was when Tim gave me a chance to work a few on 20 cw (using a Sierra). Tuned above 14.060 and heard L7JA..... and figured it must be KL7JAF, so I listened a bit more and determined it was Bruce calling CQ. It took a couple of calls to get his attention, and about 15 more minutes to convince him I was sending TX in the exchange. When we finished there was quite a pileup! Tim had to get in line to work him, and finally did about 45 minutes later.

For all you guys "up north", it is much more comfortable operating in February under blue sky and sun at 65 degrees than it is operating in typical Ohio February weather! Tim had actually set up under a tree for the shade!

Had a great time - a special thanks to W5FN for letting me drop in and get in a bit of FYBO operating time!

73 - Bill - N8ET
Kanga@bright.net
www.bright.net/~kanga/kanga/

Date: Sun, 08 Feb 1998 13:48:51 -0700
From: Phil <k6ls@prolynx.com>
To: jessqrp@concentric.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [3332] Re: Windows versus Unix.
Message-ID: <34DE1A33.D3DC74DD@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I do believe that Netscape has a version for UNIX, in addition to windows and mac.

<http://www.netscape.com>

--
73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
<http://www.qsl.net/k6ls>
<http://www.prolynx.com/k6ls>
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Sun, 8 Feb 1998 14:52:27 -6

From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: ve7ldh@direct.ca, qrp-1@Lehigh.EDU
Subject: [3333] PIC's DSP, and other stuff...
Message-ID: <199802082048.PAA15074@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Laura - I think you made an excellent point about what we need to discuss on this list - and I agree 100%

Tell us more about the PIC chips, how to use -'em, etc. All this stuff you talk about as being "almost too simple" is stuff I would love to do - if I had the time to learn about how to do it. Between Kanga and my real job I have not had time to even build some of my own kits - let alone try stuff like you mentioned in you post...

Sounds neat!
73 - Bill - N8ET
Kanga@bright.net
www.bright.net/~kanga/kanga/

Date: Sun, 8 Feb 1998 15:00:56 -0600
From: "Walter Dufrain Jr." <walter@inlink.com>
To: <dave_epps@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [3334] Re: Hint & Kink
Message-ID: <199802082102.PAA23513@thor.inlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Great posting Dave, this stuff is great, have used it for several years in dipping 4:1 homebrew baluns that are installed outside, and all kinds of water proofing jobs.

Question, how did you define the circuit pattern on the raw pc board. Do you have to cut the part to be etched out with a small knife blade ? ?

de Walter AG5P, Wright City, Missouri

>
> I bought a can of the "liquid rubber" that is sold to dip tool handles
> in.

> I planned to use it to weatherproof antenna connections.
> It seemed that it would also make good "Etch Resist" so I tried it.
> It worked good, the best part being that after etching the rubber peels
> right off.
> dave ab5pc fresno, ca.
>
>
> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at <http://www.juno.com>
> Or call Juno at (800) 654-JUNO [654-5866]
>

Date: Sun, 08 Feb 1998 14:11:04 -0700
From: Phil <k6ls@prolynx.com>
To: qrp-l@Lehigh.EDU
Subject: [3335] dallas swap meet ?
Message-ID: <34DE1F68.885ECEAE@prolynx.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A friend at work was telling me about a Dallas swap that
takes place on a sat morn at 0-dark thirty (0200 local).

If your familliar with this swap, is it worth going to ?

--

73 de Phil, K6LS

k6ls@qsl.net <or> k6ls@amsat.org
 <http://www.qsl.net/k6ls>
 <http://www.prolynx.com/k6ls>
DM79oq, Arapahoe County, Colorado
ITU zone 7, CQ zone 4
QRP-L #612 NorCal #824
CQC #471 ARCI #8866

Date: Sun, 8 Feb 1998 16:14:54 EST
From: K4NK@aol.com
To: qrp-l@Lehigh.EDU
Subject: [3336] manual needed
Message-ID: <3a3badb8.34de2050@aol.com>

Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hello Gang;

Returned from the Charleston S.C. hamfest with a goodie but need a manual for touching up. Need manual for Heath HR-1680 rx. Will pay for printing and shipping.

Please E-mail me direct if you can help. Thanks.

Les K4NK

Date: Sun, 8 Feb 1998 20:13:58 +0000
From: Leon Heller <leon@lfheller.demon.co.uk>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3337] 2N2222 wideband RF amp. (correction)
Message-ID: <b0XirAAGIh30EwAX@lfheller.demon.co.uk>
MIME-Version: 1.0

Sorry, I left off the second base bias resistor - 1K to ground.

73, Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Sun, 8 Feb 1998 16:22:25 EST
From: K4NK@aol.com
To: qrp-l@Lehigh.EDU
Subject: [3338] Qrp forum
Message-ID: <b2d681bb.34de2214@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I am the program chairman for the Upstate S.C. hamfest, and have made some inquiries as to having a QRP froum . I have enough positive input to now announce it officially. All are invited, the knightlite's will be our guest and I'm looking for a speaker or so. I want everyone to bring thier homebrew

gear and we will have a big show and tell. I am hoping to have reps from the Grand Strand QRP society and the No. Georgia QRP Club. I am planning a afternoon luncheon. Come and enjoy, Help make this a success.

For info please E-mail me direct.

72 Les K4NK

Greenville, S.C.

Date: Sun, 8 Feb 1998 16:39:13 EST
From: WD6BOR@aol.com
To: n2tnn@ifu.net, qrp-1@Lehigh.EDU
Subject: [3339] Re: Zenith Trans-Oceanic T600 SW Radio
Message-ID: <45426b7c.34de260d@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Dean,

I've got an earlier model that my parents owned and I listened to as a kid. I've seen them at swap meets for \$75 to \$150 in good condition. There are several web sites dealing with or devoted to the Trans Oceanics as well as a book available through Schiffer Books, 1-610-593-1777, "The Zenith Trans-Oceanic, The Royalty of Radios". Let me know how you fare with that nice old radio.

Darrel Jones, WD6BOR
Sonoma, CA

Date: Sun, 08 Feb 1998 16:49:29 -0800
From: mike czuhajewski <wa8mcq@abs.net>
To: QRP forum <qrp-1@Lehigh.EDU>
Cc: Cam Hartford <camqrp@cyberg8t.com>, Chuck Adams <adams@chuck.dallas.sgi.com>, Steve Pituch <n2mnn@spacegate.com>, Bill Carver <bcarver@magiclink.com>, Bob White <bobwhite@accesscom.com>, Bruce Musolino <w6toy@erols.com>, Chris Trask <ctrask@primenet.com>, Joe Gervais <vole@primenet.com>,
Subject: [3340] New FCC spectral purity standards
Message-ID: <34DE5299.7E0C@abs.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

I've missed out on a number of daily digests in the last several weeks, so don't know if this topic has surfaced here. If it has, please let me know, and if it hasn't, I'll bring it up! Some folks have had private discussions on this, and Ed Hare of ARRL promised me a reply a few weeks ago but nothing received yet. Guess they want to chew on this one for a while before saying anything officially.

BTW, this is all very tentative thus far, but it was mentioned in the last issue of QST, near the end of the report on WRC97, a couple of paragraphs. The bottom line is that spectral purity standards will be ratcheted upward by a good deal in the future. The effect will be significant at QRP levels, much higher than the 30 dB we currently have to live with. No reason to panic yet, or at all, since the new standards are achievable....though designers of superhet QRP rigs may need to put a lot more work into them to keep the mixing products waaaaay down :-)

--

73 and Queue Our Pea de WA8MCQ wa8mcq@abs.net

Date: Sun, 8 Feb 1998 17:08:27 -0500
From: "William C. Robbins" <billrobb@net-link.net>
To: qrp-l@Lehigh.EDU
Subject: [3341] HW-7 SOLD
Message-ID: <199802082208.RAA26958@serv01.net-link.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The HW-7 is sold. Thanks.

Bill

Date: Sun, 08 Feb 1998 14:44:10 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: qrp-l@Lehigh.EDU
Cc: vole@primenet.com
Subject: [3342] KI6DS FYBO Log
Message-ID: <3.0.1.32.19980208144410.00cf4e34@dpol.k12.ca.us>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What a great contest!! Loved every minute of it, including coming home Friday evening and finding out that my antenna was down, this after El Nino caused a power outage at school, we sat for 6 hours in the dark!! Of course the administrators told us to open the doors for light, (right boss, it is pouring down rain, wind blowing at 20 MPH and the temp is about 45 degrees outside and the heat doesn't work. YOU want me to OPEN the door???). Then our basketball game that was rescheduled (the one that caused me to cancel the trip to Pinetop) is canceled. No lights in the gym. Game canceled at 2:10 PM, kids go home, lights come on at 2:15. Administrator says impossible to reschedule game. ARRRGH. I go home and there is my antenna, on the ground!! Well at least the center of my skelton cone is still up, just the ends are laying on the ground. I put them back, go inside and eat dinner.

Saturday morning I get up and take JoAnne to breakfast, and mention in passing that I have a contest planned to operate today. Helps to soften the XYL up. I go home, get in the shack and can't find the interconnect cords for the paddles and the keyer. Geesh, where did I put those??? Then I see the beautiful Morse Key that Ted G0ULL made for me last summer! Ah hah! The perfect time to break it in. I had it set up as a show piece instead of using it, what a dumb thing to do. I quickly wired up a cable, and I was on the air. Tuned across 40 meters, and wow, what a signal Ed Loranger had. WE6W and his bazooka are a hot combination. (I heard Ed all day long, and he was loud all day).

Someone else on the list mentioned how fun it was to work someone that you knew and were able to greet them by name. I agree. I worked 13 contacts, and heard Ron, KU7Y, nice signal, and Jeff Grudin, but couldn't get them. The catch of the day was Jay, WA5WHN/7 from Pinetop. Kent Torell was right on with his prediction that the best time to contact the gang would be around 2330 or so. I worked Jay at 23:34. Next time Heard Island is on, I'm calling Kent.

Here is my log:

20:50	WE6W	599	CA	Ed	5W	58F
21:25	N6WG	569	CA	Bob	5W	55F
22:56	W6KI	599	CA	Glen	2W	60F
23:07	KB6FPW	599	CA	Mitch	4W	65F
23:34	WA6HWN/7	569	AZ	Jay	1W	35F
23:37	W6PRI	549	CA	Bill	5W	68F
23:40	K6PZB	559	CA	John	2W	52F
23:47	W7HQO	569	WA	Jim	4W	77F
23:50	N7CNY	579	CA	Pete	1W	62F
23:55	KE6WAR	599	CA	Rich	5W	72F
23:59	KN6YD	579	CA	Jeff	5W	70F
00:05	AD6AY	599	CA	Dave	2W	52F
00:35	K06KA	579	CA	Rob	3W	68F

Lots of fun and thanks to all the ScQRPions who organized it, thanks to the

Pinetop gang for drumming up the publicity and thanks to the participants for some great fun! Wait til next year!! 72, Doug, KI6DS

Date: Sun, 8 Feb 1998 16:46:39 -0600
From: "Basil (Darin) Arrick" <basila@onramp.net>
To: Phil <k6ls@prolynx.com>, qrp-1@Lehigh.EDU
Subject: [3343] Re: dallas swap meet ?
Message-ID: <199802082245.QAA01665@mailhost.onramp.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

> A friend at work was telling me about a Dallas swap that
> takes place on a sat morn at 0-dark thirty (0200 local).
>
> If your familliar with this swap, is it worth going to ?

That's probably the First Saturday Sale, at Central Expressway (I-75) and Ross Avenue. I haven't been in a year or so, but there are some neat things there. It started as a ham swapmeet once a month, but computers took over in the 1980s. There's still some ham stuff, though, and I think it's in one "area" so you can concentrate there, if you want.

You might also ask Chuck, K5FO, if this is the one you're thinking of.

Darin "Basil" Arrick, KB5KHR
kb5khr@homestead.org

+-----+		
Basil (Darin) Arrick	P.O. Box 820054, North Richland Hills, TX, 76182	
+-----+		
basil@orthodox.net	Orthodox Christian	http://www.orthodox.net
basil@homestead.org	Homesteader/Farmer	http://www.homestead.org
ICQ # 3352463	ICQ User	http://www.mirabilis.com
	Microsoft NetMeeting	ils.family.four11.com
KB5KHR	Amateur (Ham) Radio	EM12mu
+-----+		

Date: Sun, 08 Feb 1998 17:56:49 -0500
From: ckrelic@usaor.net

To: qrp-1@Lehigh.EDU
Subject: [3344] FS: Emtech 80
Message-ID: <34DE3831.198C71BC@usaor.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

80 Meter version kit Complete with the
audio filter works GREAT but excess to
my needs. \$95 shipped 48 0B0

72 Curt/K3ivb

Date: Sun, 08 Feb 1998 22:41:46 +0000
From: Larry KA5T <lewise@inetport.com>
To: qrp-1@Lehigh.EDU
Subject: [3345] Re: How to send a file?
Message-ID: <3.0.5.32.19980208224146.007a7860@inetport.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ron: I suspect that the answer is 'cut and paste'....
Larry KA5T
Georgetown, Texas
lewise@inetport.com

Date: Sun, 8 Feb 1998 17:59:28 -0500
From: Rick McNelly <72507.235@compuserve.com>
To: qrp-1@Lehigh.EDU
Subject: [3346] Sierra Help
Message-ID: <199802081802_MC2-326B-8819@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

Hello All,

my 20 meter module has begun acting up. Sometimes when I insert the module

the
actual transmit / receive freq jumps up about 47 Khz yet the KC2 reads the
original value.

For example, the module is in place and the KC2 reads 050.0 which is verified
on another receiver. If the module is pulled out and then re-inserted the
transmit freq jumps up to about 14.097 as verified on another receiver yet the
KC2 still reads 050.0.

This only occurs with the 20 meter module and when it does occur the freq
jump
is always about 47Khz. The jump is very hard to produce with the blue plastic
cover removed from the module but occurs quickly once it is screwed back on.
I've looked for cold solder joints around the crystal and C70, even resoldered
them to make sure.

Of course this was discovered when I couldn't figure out why no one was on 20
meters but the digital guys during FYB0.

Any Ideas? Is it possible that the crystal is going bad?

72/73's,

--Rick, KE4IZH

Chesapeake, Va.

Date: Sun, 08 Feb 1998 18:25:41 -0500
From: "Bob Edwards, W4ED" <w4ed@flash.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [3347] Re: Windows versus Unix.
Message-ID: <34DE3EF5.ACBEF50A@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Phil/K6LS wrote:

>
> I do believe that Netscape has a version for UNIX, in addition to
> windows and mac.

Yes, and the UNIX version performs well, as expected.

I and several colleagues use UNIX version daily at work,
then Win95 (free) version at home.

fwiw, it's very nice to use same surf & email tool on both O/S.

--

Bob 72/73

<http://www.qsl.net/w4ed>

W4ED nr Atlanta @EM73wt

...."QRP", more from less....

```
      /|
     / |
    /  | \
   /| / E | \
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 [ \-----/ ]
```

Date: Sun, 08 Feb 1998 16:27:52 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [3348] FYBO in AZ (sorta long)
Message-ID: <34DDDD08.D087D3D2@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, it's over, and those of us who mustered in Pinetop, AZ had a great time. I'm working on posting some pics on the Web, and will post the info as I get it done. We'd hoped to do it "live", but trouble with logging on to my ISP's FTP site prevented that.

For myself, I had 21 Q's and 7 SPC's, working in 31 deg weather with snow all morning. I found that I can key with gloves on, but can't write, so the old knuckles got mighty cold. The rest of the AZ/NM crew were in the same boat, but we sure had a great time.

With a temp mult of 4, a field mult of 4, and an alt power mult of 2, (if I read the rules right), I ended up with a raw score of 4,704. Not bad, since I was pretty well frozen out by 2150Z and hung it up. Had to start fixing dinner, anyway.

Heard but not worked: WQORP loud, K0EVZ also loud, but they couldn't hear my three watts. Also heard Ade W0RSP but couldn't get him either.

This is the second trip to the field with the SLV/W6MMA setup, and I'm a believer in it. For a portable antenna, I don't think it can be beat. Easy to set up, repeatable tuning settings (I mark the PVC at the "tap" points for each band), and it's got great ears. Rig was an OHR-400, and I was concerned about not having 15 meters until I heard it was poor anyway. No biggy there, :-).

Fun in the snow, and came home to heavy rain....can't do yard work, so I'll work on cleaning up the log to send to Joe. Thanks to those who I worked, and I wish I could have done more.

72...Roger, N7KT

--

72/73, de Roger, N7KT

Date: Sun, 08 Feb 1998 18:28:09 EST
From: kh6b@juno.com (Dean W Manley)
To: qrp-1@Lehigh.EDU
Cc: kh6b@juno.com
Subject: [3349] W1FB Pixie Info
Message-ID: <19980208.132708.5391.0.kh6b@juno.com>

Aloha from the Islands. I wonder if anyone has the reference (QST, CQ, QQ, or?) to Doug DeMaw W1FB's modifications to the Pixie transceiver? I've seen some posts with this subject and would like to receive the info. Thanks.

73 and Aloha, Dean Manley KH6B
ARRL Life Member, HI Chapter QCWA, ARCI 6257,
QRP-L 1032, G-QRP 9941, HI-QRP 1, AK-QRP 339,
NorCal 1928, NW QRP 470, OOTC 3642
kh6b@juno.com VTI / W9SAL

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Date: Sun, 8 Feb 1998 17:28:51 -0600 (CST)
From: Bill Risch <brisch@mn.uswest.net>
To: qrp-1@Lehigh.EDU
Subject: [3350] Power supply problem
Message-ID: <1.5.4.16.19980208171937.105744f8@mail.mn.uswest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Good day everyone, hope this is close enough to qrp.

I have a Lambda power supply model LH-121, a adjustable voltage and current supply. Problem is that as soon as it is turned on the crowbar circuit shuts it down. When the power switch is turned off the voltage indicates that the charge in the caps must be there as the meter indicates voltage for a second or two.

Anyone got prints for this supply, suggestions where to look for trouble shooting or any other constructive ideas?

I have contacted Lambda for a print but so far they have not come up with anything.

Any thoughts?
Bill K0QK

Date: Sun, 8 Feb 1998 18:31:34 -0500
From: Joseph Everhart <n2cx@voicenet.com>
To: wa8mcq@abs.net
Cc: qrp-l@Lehigh.EDU
Subject: [3351] Re: New FCC spectral purity standards
Message-ID: <199802082331.SAA440144@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Mike,

Most interesting post! It has not been discussed on qrp-l lately.

Of course with the FCC's recent record of enforcement lately, I wonder how much effect new regulations will really have.

What I find increasingly distressing *and* becoming a problem of near-term significance is the spread of wired digital communications systems. Those babies scream along at several hundred kHz to several MHz and higher. I fear that this will adversely impact reception on our HF bands. And Lord, can you imagine the intererence even a qrp signal can cause when the Telco is looking for 10+ MHz data on twisted pair?

Taht sort of thing *will* get the Candy Company looking at us very closely because we amateurs have little clout, but wired telecommunications interests do!

72/73,

Joe E., N2CX

>From South Jersey, y'all!

home: n2cx@voicenet.com

work: jeverhar@camden.lmco.com

Date: Sun, 08 Feb 1998 18:22:47 -0800

From: LYN WILLIAMS <designserv@ipass.net>

To: kanga@bright.net

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [3352] Re: PIC's DSP, and other stuff...

Message-ID: <34DE6877.13A55B76@ipass.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Bill Kelsey - N8ET - Kanga US wrote:

> Laura - I think you made an excellent point about what we need to

> discuss on this list - and I agree 100%

>

> Tell us more about the PIC chips, how to use -'em, etc.

I second the motion!Lyn, W4WDN

Date: Sun, 8 Feb 98 16:37:03 -0700

From: "James R. Duffey" <jamesd1@flash.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [3353] KK6MC/5 Preliminary FYBO Results; 10040 pts

Message-ID: <199802082338.RAA10422@endeavor.flash.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

A quick look at the logs shows; 82 QSOs, 30 SPCs, and 13 contacts with AZ ops. With a X 2 multiplier for Battery Power, and a X 2 mult for a lowest operating temperature of 61 F;

82 X 30 X 2 X 2 = 10,040 points

Not great, but better than last year's 44 QSOs, but without the low T and field multipliers I got last year. The logs are coming; I promise Joe.

I was still recovering from the flu so I stayed home instead of going to the field. I have a battery I operate the TS850AT with so I have the alternative power multiplier. The Shack is in a section of the house with a separate thermostat so I left it off overnite and the T started at 61 F so I got a X2 temperature multiplier for that. I started at 1600 Z and went to 0000Z. Then I did the NA sprint, being a member of one of the QRP teams (I am still not sure how that happened). In my opinion, the NA sprint is the ham radio equivalent of Pamplona's running of the bulls, and certainly no place for a sane person operating QRP at 20 WPM, but that is a story for another time.

Breakdown by Band;

40 M	38
20 M	32
15 M	12
10 M	00

I am somewhat surprised by this breakdown, since I usually like to operate the highest band open.

15 M was open from here to the east coast nearly the whole time I operated, and I spent a lot of time calling CQ up there, but I could not get much activity going. AA1IK had a beautiful signal here, but got few replies that I could hear. It is a shame to hear a NH station going begging for contacts with a gorgeous signal and no QRM! And he did tell us he would be there. W1VT also had a nice signal on 15 M, and it sounded like he wasn't getting many replies either. He didn't stay around long though and after hearing him run stations on 20 M I am not surprised. Given the sunspot count, I would guess that there would have been nice openings from the west coast to all of the east coast on 15 M, but I didn't hear much, if any activity of that sort. I think that people are missing a good QSO/SPC producing band by not operating 15 M. If you don't have a QRP rig, use a regular rig with the power turned down. No DigiQRM either.

In one of the more hilarious (ironic) moments of the contest, W3PP responded to my "CQ test" on 21.060. He was in Delaware, another rare SPC, and was participating in the Delaware QSO party. We exchanged appropriate information for each other's contest. His power exchange was One kW!! After the QSO, he gracefully moved off my frequency up to 21.060.5 and started calling CQ Test! His S9 + 30 db signal made QRP

work difficult, none the less, he was a rare SPC going begging for contacts. With his 30 db over 9 signal a 1 W QRP signal would have been S9 here if they had been on.

I checked 10 M on and off, and called CQ several times on 28.060. I didn't hear anything, although late in the afternoon I did hear a two CW stations from South America further down the band. No FYBO activity though.

I checked 14.285 for any QRP SSB activity, but heard none.

I suppose the large number of 40 M contacts was a result of my conscious effort to work as many of the AZ bunch as possible, which I did at 13, including all of the NM visiting Professors, WA5WHN, W5BI, NA5N, and K50I; all stroke 7. I got Tim with about 10 minutes left. The band went long about 2330 and I worked AA1IK in NH again among others! I had to convince him that dupes were OK in different bands. The table was turned as the very next QSO was with somebody I had on my dupe sheet on 40M, so I told him B4, but he told me it was OK. I need to dupe the logs again, I have trouble keeping up dupe sheets anyway, but with one for each band it is a major chore for me. Next year-computer logging.

Among notable contacts were the two QRP club stations, NQ7RP and NQ0RP; and W0RSP in SD. I wasn't the only NM station on, Tom, WB5QYT, was on and had a nice signal here. Why is this significant? Well Tom and I were only about 10 miles apart, but there is a 10,000 foot mountain range between, and 5 miles of granite and limestone between us. NVIS works.

I had a great time, and probably feel better today as a result of not going to the field. I still want to try that site for a field operation, it looks like it should be a winner.

Oh yeah, the antenna is my 30 M delta loop at 35 Ft fed with ladder line for multiband use. The QTH is at about 7000 ft asl with clear horizons from the N to the SW.

See you next year. With the solar activity on the rise, 15M will be very important. Get set for it now. - Duffey KK6MC/5

James R. Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest NM 87008

Date: Sun, 08 Feb 1998 18:48:51 EST
From: nq2rp@juno.com (B/BAMS Club Station)
To: qrp-1@Lehigh.EDU
Subject: [3354] SMiTe #90 on the air!
Message-ID: <19980208.184806.4703.0.nq2rp@juno.com>

It lives!!!! I got the board done about 1400 local today, and clipped the phones and key in place.

One QSO under my belt, KA2DQA (Lou) about 2 miles down the road. Lou is another member of B/BAMS, and further into the swamp than I...

I am getting about 200 mW out with a 9 Volt "pull" from another accessory. It will be interesting to see what it'll do with a fresh battery.

The one "wart" is that the Xtal oscillates high, so the TX runs from 3687.5 to 3688.0 KHz as I turn the trimmer. RX offset runs 450 hZ to 200 hZ as I go up in frequency.

My wife, Anne (WB1GVL) looked at it and declared that it was "Neat!", and then amended that to say the kit was well-built (neat) and so small as to be totally amazing (NEAT!!!), and then she commented that she needs to get her code back to 5 WPM where it was in 1978 so she can play with all the toys. She has expressed interest in building a full-sized Pixie for the experience.

I'll order it next week, I hope!

I will be on for the Knightlite net tonite, so tune up the band for me, please! The call will be the club call, NQ2RP.

72/73, Keith, WB2VUO at the keys at B/BAMS
NQ2RP - QRP-L # 1294, Byron/Bergen Amateur Club Station
Listen for our 10 Mtr Milliwatt Beacon: 125 mW @ 28.287 MHz
"Our night light runs more power than our Rig!!!"

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Date: Sun, 8 Feb 1998 18:52:57 -0500
From: "\"W. Kimura\"." <W.Kimura@valley.net>
To: qrp-l@Lehigh.EDU
Subject: [3355] FYBO 20M Rig Final (Long)
Message-ID: <199802082352.SAA11011@norwich.valley.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It's 12 o'clock, High Noon. The streets are clear save for the hardy few braving the cold. All except me that is, I'm still on the bench doing final assembly and adjustments on the TenTec 1320. The rig uses RCA jacks for power and keying and I don't have those. What I do have is clip leads. Lots of them, everywhere! For some reason all I could get was about 10 milliwatts. Spent 20 minutes adjusting toroid coil spacing, inductor cans, even reading the manual to no avail. Anyway the reciever was great! I could hear everyone all at once, great dynamic range and audio. More on that later. While changing back to the dummy load from the antenna I see it. The little knob on my WM-1 is on the reverse setting. A twist of the wrist gives me THREE WATTS and I'm on my way. Those know me here know that I'm whats called, in polite circles, a "casual" operator. Translated that means that I can't copy cw if I can hear more than one signal at a time. With the tenTec you can hear all of the signals, small and large, in it's generous pass band at the same time. Great for a good Op. but a little tough for me. Any way here's a huge TNX to Dan, N4ROK for giving me my first FYBO '98 contact and the first FYBO 20M Rig contact! TNX also to the Scorpions for the rig and another great FYBO!

72, Kim Kimura N1MVU

ps, Anyone out there have a SCAF for sale?

End of QRP-L Digest 995

